

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY					
0601101A	1	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	22,998	22,998	22,998		22,998
0601102A	2	DEFENSE RESEARCH SCIENCES	139,633	139,633	147,633	7,000	146,633
		Optical research			[3,000]	[2,000]	
		Animal modeling genetics research			[1,000]	[1,000]	
		Desert terrain analysis			[4,000]	[4,000]	
0601104A	3	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	74,855	74,855	78,855	4,000	78,855
		Armor materials modeling & simulation			[2,500]	[2,500]	
		Ferroelectric materials nanofabrication			[1,500]	[1,500]	
0602105A	4	MATERIALS TECHNOLOGY	18,659	18,659	31,159	12,500	31,159
		Advanced materials processing			[4,000]	[4,000]	
		Electronic components reliability			[2,500]	[2,500]	
		Composite materials technology for FCS			[3,000]	[3,000]	
		Multifunctional composite materials			[3,000]	[3,000]	
0602120A	5	SENSORS AND ELECTRONIC SURVIVABILITY	24,305	24,305	24,305		24,305
0602122A	6	TRACTOR HIP	6,839	6,839	6,839		6,839
0602211A	7	AVIATION TECHNOLOGY	43,692	43,692	43,692		43,692
0602270A	8	EW TECHNOLOGY	19,584	19,584	19,584		19,584

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0602303A	9	MISSILE TECHNOLOGY	31,884	48,284	36,884	20,000	51,884
		Micro electro-mechanical systems (MEMS) inertial measurement unit /					
		Global Positioning System		[10,000]		[15,000]	
		Digital glue technology		[3,400]			
		Enhanced area air defense sys (EAADS) short-range air defense integrated					
		kinetic energy (E-STRIKE) system		[3,000]		[3,000]	
		Short range air defense radar			[3,000]		
		Advanced composite chassis			[2,000]	[2,000]	
0602307A	10	ADVANCED WEAPONS TECHNOLOGY	11,208	11,208	11,208		11,208
0602308A	11	ADVANCED CONCEPTS AND SIMULATION	20,634	20,634	23,134	2,500	23,134
		Interactive training technology transition			[2,500]	[2,500]	
0602601A	12	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	55,763	55,763	86,063	25,300	81,063
		Advanced coatings research			[1,500]	[1,500]	
		Fastening & joining research			[1,800]	[1,800]	
		21st Century Truck			[17,000]	[17,000]	
		Combat truck initiative (COMBATT) hybrid vehicle			[5,000]	[5,000]	
		Advanced manufacturing technology			[5,000]		
0602618A	13	BALLISTICS TECHNOLOGY	74,094	74,094	74,094		74,094
0602622A	14	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY	3,675	6,675	3,675	3,000	6,675
		Metallic particles in defense applications obscurant smokes		[3,000]		[3,000]	
0602623A	15	JOINT SERVICE SMALL ARMS PROGRAM	5,812	5,812	5,812		5,812
0602624A	16	WEAPONS AND MUNITIONS TECHNOLOGY	38,090	47,090	41,490	7,000	45,090
		M795 extended range, high explosive baseburner projectile		[6,000]		[4,000]	
		Explosively formed penetrators		[3,000]			

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		Generation 2 warhead development (X-caliber) explosively formed penetrators				[2,000]	
		Tungsten kinetic energy projectile			[1,000]	[1,000]	
		Warhead technology for Future Combat System (FCS)			[2,400]		
0602705A	17	ELECTRONICS AND ELECTRONIC DEVICES	27,448	32,448	29,448	4,000	31,448
		Advanced fuel cell technology		[5,000]		[2,000]	
		Portable hybrid electric power systems			[2,000]	[2,000]	
0602709A	18	NIGHT VISION TECHNOLOGY	22,333	25,333	22,333		22,333
		Eye-safe laser		[3,000]			
0602712A	19	COUNTERMINE SYSTEMS	13,186	13,186	25,686	5,000	18,186
		Polymer-based landmine detection			[2,000]	[2,000]	
		Acoustic landmine detection			[3,000]	[3,000]	
		Airborne landmine detection			[7,500]		
0602716A	20	HUMAN FACTORS ENGINEERING TECHNOLOGY	17,415	20,415	17,415	3,000	20,415
		Human factors engineering technology		[3,000]		[3,000]	
0602720A	21	ENVIRONMENTAL QUALITY TECHNOLOGY	23,018	23,018	27,018	3,000	26,018
		Environmental restoration technology			[4,000]	[3,000]	

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0602782A	22	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	21,821	21,821	21,821		21,821
		Mobile emergency broadband system					
0602783A	23	COMPUTER AND SOFTWARE TECHNOLOGY	4,354	4,354	4,354		4,354
0602784A	24	MILITARY ENGINEERING TECHNOLOGY	51,124	51,124	63,124	12,000	63,124
		Geosciences research			[2,000]	[2,000]	
		Stationary fuel cell initiative			[10,000]	[10,000]	
0602785A	25	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	14,335	15,835	14,335		14,335
		Distance learning		[1,500]			
0602786A	26	WARFIGHTER TECHNOLOGY	25,502	27,502	28,002		25,502
		Clothing & equipment technology		[2,000]			
		Heavy precision airdrop technology			[2,500]		
0602787A	27	MEDICAL TECHNOLOGY	67,476	80,476	67,476	12,500	79,976
		Metabolically engineered tissues for trauma care		[2,000]		[1,500]	
		Hemoglobin-based oxygen carrier		[7,000]		[7,000]	
		Eliminating arthropod-borne infectious diseases		[4,000]		[4,000]	

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0602789A	28	ARMY ARTIFICIAL INTELLIGENCE TECHNOLOGY					
0602805A	29	DUAL USE SCIENCE AND TECHNOLOGY					
0603001A	30	WARFIGHTER ADVANCED TECHNOLOGY	50,262	51,762	90,262	6,500	56,762
		Metrology		[1,500]		[1,500]	
		Personal navigation of the future warfighter			[5,000]	[5,000]	
		Warfighter position, location, & tracking sensor			[3,000]		
		Objective Force Warrior technologies			[32,000]		
0603002A	31	MEDICAL ADVANCED TECHNOLOGY	16,590	22,090	16,590	3,500	20,090
		Stable hemostat		[3,500]		[3,500]	
		Textile electronic garments for combat casualty care		[2,000]			
0603003A	32	AVIATION ADVANCED TECHNOLOGY	45,404	45,404	48,404	3,000	48,404
		UAV datalinks			[3,000]	[3,000]	
0603004A	33	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	66,514	67,514	66,514		66,514
		Mobile fire support system (see Navy)		[1,000]			

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0603005A	34	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	229,778	240,528	270,778	40,000	269,778
		Advanced Army composite bridge full scale demonstration		[3,000]			
		Fuel catalyst research & evaluation		[2,000]		[1,500]	
		Rotary multi-fuel auxiliary power unit (APU)		[5,000]	[3,000]	[5,000]	
		Automated document conversion		[750]			
		Imp Matls & Powertrain Arch for 21st Century Truck (IMPACT)			[3,000]	[3,000]	
		Networked standardized exchange of product data			[5,000]	[3,000]	
		Mobile parts hospital			[8,000]	[8,000]	
		Rapid prototyping			[2,000]	[2,000]	
		Hybrid electric vehicles			[7,500]	[7,500]	
		Unmanned ground vehicles (UGVs)			[5,000]		
		Active protection system			[7,500]		
		Future Scout & Cavalry vehicle demonstration				[10,000]	
0603006A	35	COMMAND, CONTROL, COMMUNICATIONS ADVANCED	4,826	7,226	4,826		4,826
		Unmanned aerial vehicle / unmanned ground vehicle demonstration		[2,400]			
0603007A	36	MANPOWER, PERSONNEL AND TRAINING ADVANCED	3,527	5,627	5,527	2,000	5,527
		Aircrew coordination training		[2,100]	[2,000]	[2,000]	
0603008A	37	ELECTRONIC WARFARE ADVANCED TECHNOLOGY (H)	28,254	28,254	28,254		28,254
0603009A	38	TRACTOR HIKE	18,069	18,069	18,069		18,069
0603017A	39	TRACTOR RED					
0603020A	40	TRACTOR ROSE	4,895	4,895	4,895		4,895
0603105A	41	MILITARY HIV RESEARCH					
0603122A	42	TRACTOR HIP					
0603125A	42a	Combating Terrorism, Technology Development		48,900	43,900	48,900	48,900
		Language translation (Transfer from DERF)		[7,300]	[7,300]	[7,300]	

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		Blue force awareness suite (Transfer from DERF)		[10,000]	[10,000]	[10,000]	
		Remote observation & confirming sensors (Transfer from DERF)		[600]	[600]	[600]	
		Multi-function remote unattended ground sensor (Transfer from DERF)		[1,500]	[1,500]	[1,500]	
		Laser induced breakdown spectroscopy (Transfer from DERF)		[1,500]	[1,500]	[1,500]	
		Universal soldier sensor (Transfer from DERF)		[8,000]	[8,000]	[8,000]	
		CT echelon surveillance & reconnaissance (Transfer from DERF)		[20,000]	[15,000]	[20,000]	
0603238A	43	GLOBAL SURVEILLANCE/AIR DEFENSE/PRECISION STRIKE	31,291	31,291	31,291		31,291
0603270A	44	EW TECHNOLOGY	11,600	11,600	11,600		11,600
0603313A	45	MISSILE AND ROCKET ADVANCED TECHNOLOGY	87,890	99,390	102,890	14,000	101,890
		Volumetrically controlled manufacturing		[11,500]		[9,000]	
		Loiter attack munition			[15,000]	[5,000]	
0603322A	46	TRACTOR CAGE	3,083	3,083	3,083		3,083
0603606A	47	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY	24,104	24,104	24,104		24,104
0603607A	48	JOINT SERVICE SMALL ARMS PROGRAM	6,013	15,813	6,013	7,000	13,013
		Anti-materiel sniper rifle		[9,800]		[7,000]	
0603654A	49	LINE-OF-SIGHT TECHNOLOGY DEMONSTRATION	28,283	28,283	28,283		28,283

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0603710A	50	NIGHT VISION ADVANCED TECHNOLOGY	36,494	52,294	44,294	10,300	46,794
		Wire detection & obstacle avoidance system for helicopters		[4,000]			
		Night vision fusion		[9,000]		[4,500]	
		Helmet-mounted thermal imaging system		[2,800]		[2,800]	
		Warfighter / firefighter position, location & tracking (PLT) sensor				[3,000]	
		Sensors for micro air vehicles			[5,000]		
		High speed target recognition			[2,800]		
0603728A	51	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS	8,980	8,980	8,980		8,980
0603734A	52	MILITARY ENGINEERING ADVANCED TECHNOLOGY	2,921	5,921	7,921	5,000	7,921
		Energy & sustainability research		[3,000]			
		Proton exchange membrane fuel cell demonstration			[5,000]	[5,000]	
0603772A	53	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR	21,674	21,674	21,674		21,674
0603305A	54	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	27,887	27,887	27,887		27,887

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0603308A	55	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (DEM/VAL)	7,417	54,417	25,917	47,500	54,917
		Thermionics technology		[5,000]		[4,000]	
		Mobile tactical high energy laser (MTHL)		[25,000]		[20,000]	
		P3 micro-power devices for missile defense applications		[3,000]		[3,000]	
		Advanced battery technology demonstration & validation program		[8,000]		[2,000]	
		Low-cost interceptor flight test demonstrations			[8,000]	[8,000]	
		Supercluster distributed memory technology (SDMT)			[4,000]	[4,000]	
		Family of systems simulators (FOSSIM)		[6,000]	[2,000]	[2,000]	
		Radar power technology			[4,500]	[4,500]	
0603619A	56	LANDMINE WARFARE AND BARRIER - ADV DEV	20,286	20,286	20,286	-10,116	10,170
		Termination of Wide Area Munition (WAM)				[-10,116]	
0603627A	57	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV	2,432	2,432	2,432		2,432
0603639A	58	TANK AND MEDIUM CALIBER AMMUNITION	11,354	11,354	11,354		11,354
0603645A	58a	Future Combat System DEM/VAL				114,509	114,509
		Netfire system technology				[57,000]	
		Netfire C4ISR technology				[57,509]	
0603653A	59	ADVANCED TANK ARMAMENT SYSTEM (ATAS)	124,108	124,108	127,108	26,800	150,908
		Common remote stabilized sensor system (CRS3)			[3,000]	[3,000]	
		IAV - mobile gun system testing -- transfer from PWTCVA 8				[23,800]	
0603713A	60	ARMY DATA DISTRIBUTION SYSTEM					
0603747A	61	SOLDIER SUPPORT AND SURVIVABILITY	20,788	20,788	20,788		20,788
0603766A	62	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - ADV DEV	16,392	16,392	16,392		16,392
0603774A	63	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	11,694	11,694	11,694		11,694
0603779A	64	ENVIRONMENTAL QUALITY TECHNOLOGY DEM/VAL	9,331	11,331	10,331		9,331
		Asbestos pilot project		[2,000]			

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		Army technology environmental enhancement			[1,000]		
0603782A	65	WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL	60,809	60,809	60,809		60,809
		Reduce programmed growth					
0603790A	66	NATO RESEARCH AND DEVELOPMENT	8,773	8,773	8,773		8,773
0603801A	67	AVIATION - ADV DEV	8,643	8,643	8,643		8,643
0603802A	68	WEAPONS AND MUNITIONS - ADV DEV	27,761	27,761	27,761	10,800	38,561
		Crusader amendment - precision guided mortar munition				[10,800]	
0603804A	69	LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV	11,419	16,419	16,919	5,500	16,919
		Nuclear, biological & chemical agent detection & removal		[5,000]			
		Prototype composite hull design for Theater Support Vessel			[5,500]	[5,500]	
0603805A	70	COMBAT SERVICE SUPPORT CONTROL SYSTEM EVALUATION	8,971	8,971	8,971		8,971
0603807A	71	MEDICAL SYSTEMS - ADV DEV	10,398	10,398	10,398		10,398
0603850A	72	INTEGRATED BROADCAST SERVICE (JMIP/DISTP)	1,962	1,962	1,962		1,962
0603851A	73	TRACTOR CAGE (DEM/VAL)					

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0603854A	74	ARTILLERY SYSTEMS - DEM/VAL	251,665	251,665		116,835	368,500
		Transfer Crusader funds to Future Combat System - PE 64645A (RDA 94)			[-246,665]	[-246,665]	
		Artillery system - DEM/VAL residual transfer			[-5,000]	[-5,000]	
		Future combat systems non line-of-sight cannon				[368,500]	
0603856A	75	SCAMP BLOCK II DEM/VAL	21,006	21,006	21,006		21,006
0603869A	76	MEDIUM EXTENDED AIR DEFENSE SYSTEM (MEADS) CONCEPTS -	117,745		69,745	-117,745	
		Transfer to MDA PE 63881C (RDDW 73)		[-117,745]		[-117,745]	
		Lack of internationally agreed-upon plan			[-48,000]		
	76a	Dem/val Test and Evaluation transfer			-5,000		
0604201A	77	AIRCRAFT AVIONICS	40,308	40,308	40,308		40,308
0604220A	78	ARMED, DEPLOYABLE OH-58D	1,873	1,873	1,873		1,873
0604223A	79	COMANCHE	914,932	914,932	914,932		914,932
0604270A	80	EW DEVELOPMENT	22,819	45,719	38,719	15,900	38,719
		Prophet block II-IV acceleration (Transfer from DERF)		[15,900]	[15,900]	[15,900]	
		Adv threat IR countermeasures (ATIRCM)/common missile warning sys					
		(CMWS) test facility upgrade		[7,000]			
0604280A	81	JOINT TACTICAL RADIO	65,818	65,818	65,818		65,818

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0604321A	82	ALL SOURCE ANALYSIS SYSTEM	42,322	58,622	54,622	12,300	54,622
		FALCON language translator (Transfer from DERF)		[8,000]	[8,000]	[8,000]	
		Analysis & control element (ACE) software development (Transfer from DERF)		[4,300]	[4,300]	[4,300]	
		Non-traditional intelligence analysis toolset		[4,000]			
0604328A	83	TRACTOR CAGE	9,800	9,800	9,800		9,800
0604329A	84	COMMON MISSILE	29,919	29,919	29,919		29,919
0604601A	85	INFANTRY SUPPORT WEAPONS					
0604604A	86	MEDIUM TACTICAL VEHICLES	1,953	1,953	1,953		1,953
0604609A	87	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ENG DEV	8,153	8,153	8,153		8,153
0604611A	88	JAVELIN	489	13,589	6,989		489
		Javelin		[13,100]			
		Counteractive protection capability			[6,500]		
0604619A	89	LANDMINE WARFARE	11,913	11,913	11,913		11,913
0604622A	90	FAMILY OF HEAVY TACTICAL VEHICLES	3,990	3,990	3,990		3,990
0604633A	91	AIR TRAFFIC CONTROL	2,339	2,339	2,339		2,339
0604641A	92	TACTICAL UNMANNED GROUND VEHICLE (TUGV)					
0604642A	93	LIGHT TACTICAL WHEELED VEHICLES	7,877	7,877	7,877		7,877

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0604645A	94	ARMORED SYSTEMS MODERNIZATION (ASM)-ENG. DEV.	59,860	59,860	640,460	105,000	164,860
		Future combat system (FCS)			[105,000]	[105,000]	
		Transfer from Crusader funds -PE 63854A (RDA 74)			[246,665]		
		Transfer from Crusader funds -PE 64854A (RDA 125)			[228,935]		
0604649A	95	ENGINEER MOBILITY EQUIPMENT DEVELOPMENT	8,146	8,146	8,146		8,146
0604710A	96	NIGHT VISION SYSTEMS - ENG DEV	32,328	32,328	32,328		32,328
0604713A	97	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	94,474	94,474	94,474		94,474
0604715A	98	NON-SYSTEM TRAINING DEVICES - ENG DEV	43,650	43,650	43,650		43,650
0604716A	99	TERRAIN INFORMATION - ENG DEV	8,232	8,232	8,232		8,232
0604726A	100	INTEGRATED METEOROLOGICAL SUPPORT SYSTEM	3,417	3,417	3,417		3,417
0604738A	101	JSIMS CORE PROGRAM	24,230	24,230	27,230		24,230
		Common component workstation			[3,000]		
0604739A	102	INTEGRATED BROADCAST SERVICE					
0604741A	103	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE - ENG DEV	26,978	26,978	26,978		26,978
0604742A	104	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	53,294	53,294	53,294		53,294
0604746A	105	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	11,839	19,839	15,739		11,839
		Digital source collector - health usage monitoring system for Apache		[8,000]			
		Digital source collector - health & monitoring system			[3,900]		
0604760A	106	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - ENGINEERING	21,487	21,487	21,487		21,487
0604766A	107	TACTICAL SURVEILLANCE SYSTEMS - ENG DEV	56,662	56,662	56,662		56,662
0604768A	108	BRILLIANT ANTI-ARMOR SUBMUNITION (BAT)	190,293	245,293	245,293	-114,173	76,120
		Earth-penetrating warhead for TACMS (Transfer from DERF)		[55,000]	[55,000]	[0]	
		Return program to Science & Technology Base					
		Restructure of program				[-114,173]	

Title II-RDT and E

(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0604770A	109	JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM	4,740	4,740	4,740		4,740
0604778A	110	POSITIONING SYSTEMS DEVELOPMENT (SPACE)					
0604780A	111	COMBINED ARMS TACTICAL TRAINER (CATT) CORE	7,579	7,579	7,579		7,579
0604783A	112	JOINT NETWORK MANAGEMENT SYSTEM	8,028	8,028	8,028		8,028
0604801A	113	AVIATION - ENG DEV	3,150	3,150	3,150		3,150
0604802A	114	WEAPONS AND MUNITIONS - ENG DEV	41,758	51,158	41,758	3,400	45,158
		Shoulder-launched multipurpose assault weapon-disposable (SMAW-D)		[6,000]			
		Common remotely operated weapon system (CROWS)		[3,400]		[3,400]	
0604804A	115	LOGISTICS AND ENGINEER EQUIPMENT - ENG DEV	65,857	65,857	65,857		65,857
0604805A	116	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - ENG DEV	82,238	99,238	82,238	17,000	99,238
		Applied communications & information networking (ACIN) program		[17,000]		[17,000]	
0604807A	117	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE	12,625	17,625	12,625		12,625
		Life support for trauma & transport (LSTAT) spiral development		[5,000]			
0604808A	118	LANDMINE WARFARE/BARRIER - ENG DEV	128,992	101,692	128,992		128,992
		Landmine warfare / barrier engineering development		[-27,300]			
0604814A	119	ARTILLERY MUNITIONS - EMD	70,888	70,888	70,888	48,300	119,188
		Crusader amendment - Excalibur projectile development				[48,300]	
0604817A	120	COMBAT IDENTIFICATION	1,995	1,995	1,995		1,995
0604818A	121	ARMY TACTICAL COMMAND & CONTROL HARDWARE &	80,672	80,672	90,672	17,738	98,410
		Transfer from A2C2S procurement - APA 26			[10,000]	[17,738]	
0604819A	122	LOSAT	14,463	14,463	14,463		14,463
0604820A	123	RADAR DEVELOPMENT					
0604823A	124	FIREFINDER	26,122	26,122	26,122		26,122
0604854A	125	ARTILLERY SYSTEMS - EMD	251,376	251,376	22,441	-221,435	29,941
		Transfer Crusader funds to Future Combat System - PE 64645A (RDA 94)			[-228,935]	[-228,935]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		Crusader amendment - Paladin upgrades				[7,500]	
0604865A	126	PATRIOT PAC-3 THEATER MISSILE DEFENSE ACQUISITION - EMD	150,819		150,819	-150,819	
		Transfer to MDA PE 64865C (RDDW 88)		[-150,819]		[-150,819]	
0605013A	127	INFORMATION TECHNOLOGY DEVELOPMENT	50,865	50,865	50,865		50,865
	127a	EMD Test and Evaluation transfer			-18,000		
0604256A	128	THREAT SIMULATOR DEVELOPMENT	15,251	15,251	18,251	3,000	18,251
		Multi-mode top attack threat simulators			[3,000]	[3,000]	
0604258A	129	TARGET SYSTEMS DEVELOPMENT	10,772	10,772	10,772		10,772
0604759A	130	MAJOR T&E INVESTMENT	53,797	53,797	82,797		53,797
		Transfer from acquisition programs			[29,000]		
0605103A	131	RAND ARROYO CENTER	22,148	22,148	17,148		22,148
		Army reports, studies, & analyses			[-5,000]		
0605301A	132	ARMY KWAJALEIN ATOLL	132,831	132,831	132,831		132,831
0605326A	133	CONCEPTS EXPERIMENTATION PROGRAM	22,627	22,627	25,627	3,000	25,627
		Battle Lab cooperative R&D			[3,000]	[3,000]	
0605502A	134	SMALL BUSINESS INNOVATIVE RESEARCH					
0605601A	135	ARMY TEST RANGES AND FACILITIES	144,183	144,183	144,183		144,183
0605602A	136	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	43,222	43,222	43,222		43,222
0605604A	137	SURVIVABILITY/LETHALITY ANALYSIS	39,200	39,200	39,200		39,200
0605605A	138	DOD HIGH ENERGY LASER TEST FACILITY	14,410	14,410	14,410		14,410
0605606A	139	AIRCRAFT CERTIFICATION	4,062	4,062	4,062		4,062
0605702A	140	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	7,310	7,310	7,310		7,310
0605706A	141	MATERIEL SYSTEMS ANALYSIS	10,189	10,189	10,189		10,189
0605709A	142	EXPLOITATION OF FOREIGN ITEMS	3,490	3,490	3,490		3,490
0605712A	143	SUPPORT OF OPERATIONAL TESTING	99,375	99,375	99,375		99,375

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0605716A	144	ARMY EVALUATION CENTER	41,250	41,250	41,250		41,250
0605801A	145	PROGRAMWIDE ACTIVITIES	78,452	78,452	78,452		78,452
0605803A	146	TECHNICAL INFORMATION ACTIVITIES	34,040	34,040	34,040		34,040
0605805A	147	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	16,014	16,014	16,014		16,014
0605856A	148	ENVIRONMENTAL COMPLIANCE					
0605857A	149	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	1,902	1,902	1,902		1,902
0605898A	150	MANAGEMENT HEADQUARTERS (RESEARCH AND	11,533	11,533	11,533		11,533
0909999A	151	FINANCING FOR CANCELLED ACCOUNT ADJUSTMENTS					

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603778A	152	MLRS PRODUCT IMPROVEMENT PROGRAM	57,825	57,825	57,825	55,000	112,825
		Crusader amendment - Guided MLRS unitary warhead				[45,000]	
		Crusader amendment - HIMARS P3I				[10,000]	
0102419A	153	AEROSTAT JOINT PROJECT OFFICE	29,081	31,081	33,081	2,000	31,081
		Lightweight X-band radar		[2,000]		[2,000]	
		Aerostat design & manufacturing (ADAM) program			[4,000]		
0203610A	154	DOMESTIC PREPAREDNESS AGAINST WEAPONS OF MASS					
0203726A	155	ADV FIELD ARTILLERY TACTICAL DATA SYSTEM	38,161	38,161	38,161	4,000	42,161
		Crusader amendment - AFATDS				[4,000]	
0203735A	156	COMBAT VEHICLE IMPROVEMENT PROGRAMS	54,465	54,465	54,465	28,600	83,065
		Crusader amendment - Abrams engine program (ACCE)				[28,600]	
0203740A	157	MANEUVER CONTROL SYSTEM	44,444	44,444	44,444		44,444
0203744A	158	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT	196,794	196,794	196,794		196,794
0203752A	159	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	3,689	3,689	11,689	5,500	9,189
		Full authority digital engine controller (FADEC)			[5,000]	[4,000]	
		Liquid or light-end air (LOLA) boost pump			[3,000]	[1,500]	
0203758A	160	DIGITIZATION	28,968	32,968	28,968	4,000	32,968
		Dismounted situation awareness system map (DISM)		[4,000]		[4,000]	
0203759A	161	FORCE XXI BATTLE COMMAND, BRIGADE AND BELOW (FBCB2)	64,915	64,915	64,915		64,915
0203761A	162	FORCE XXI, WARFIGHTING RAPID ACQUISITION PROGRAM					
0203801A	163	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	43,738	43,738	43,738		43,738
0203802A	164	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	13,018	13,018	13,018		13,018
0203808A	165	TRACTOR CARD	8,891	8,891	8,891		8,891
0208010A	166	JOINT TACTICAL COMMUNICATIONS PROGRAM (TRI-TAC)	14,121	14,121	14,121		14,121
0208053A	167	JOINT TACTICAL GROUND SYSTEM	2,860	2,860	2,860		2,860

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
0301359A	168	SPECIAL ARMY PROGRAM	7,031	7,031	11,031		7,031
0303028A	169	SECURITY AND INTELLIGENCE ACTIVITIES	5,438	10,438	10,638	14,200	19,638
		Intelligence & Security Command (INSCOM) global information portal		[5,000]		[5,000]	
		Language training software			[5,200]	[5,200]	
		Non-traditional intelligence analysis toolset				[4,000]	
0303140A	170	INFORMATION SYSTEMS SECURITY PROGRAM	14,844	14,844	18,344	3,500	18,344
		Integrated information security research			[3,500]	[3,500]	
0303141A	171	GLOBAL COMBAT SUPPORT SYSTEM	71,864	51,864	71,864		71,864
		GCSS-A program delays		[-20,000]			
0303142A	172	SATCOM GROUND ENVIRONMENT (SPACE)	72,244	72,244	72,244		72,244
0303150A	173	WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	17,895	17,895	17,895		17,895
0305114A	174	TRAFFIC CONTROL, APPROACH AND LANDING SYSTEM-FY 1987	977	977	977		977
0305204A	175	TACTICAL UNMANNED AERIAL VEHICLES	46,479	63,579	58,579	23,500	69,979
		Hunter ground control station (Transfer from DERF)		[12,100]	[12,100]	[12,100]	
		Mini-backpack unmanned aerial vehicle		[5,000]			
		Crusader - TUAV target location error				[11,400]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
0305206A	176	AIRBORNE RECONNAISSANCE SYSTEMS	4,882	13,082	7,882	7,000	11,882
		Signature-based unattended MASINT sensors (Transfer from DERF)		[3,000]	[3,000]	[3,000]	
		Hyperspectral long-wave imager for the tactical environment		[5,200]		[4,000]	
0305208A	177	DISTRIBUTED COMMON GROUND SYSTEMS	15,683	37,383	37,383	21,700	37,383
		Wideband ISR network (Transfer from DERF)		[2,000]	[2,000]	[2,000]	
		MASINT tools (Transfer from DERF)		[2,000]	[2,000]	[2,000]	
		MASINT tools - other		[3,000]			
		Integrate DCGS-A at EAC (Transfer from DERF)		[5,000]	[5,000]	[5,000]	
		Integrate DCGS-A at EAC - other		[3,000]			
		Integrate common data link (CDL) into DCGS-A (Transfer from DERF)		[2,000]	[8,000]	[8,000]	
		MTI / MP-RTIP integration (Transfer from DERF)		[4,700]	[4,700]	[4,700]	
0708045A	178	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	61,025	63,025	68,025	2,000	63,025
		Bipolar wafer cell nickel-metal hydride battery		[2,000]		[2,000]	
		Manufacturing technologies (MANTECH)			[7,000]		
1001018A	179	NATO JOINT STARS	512	512	512		512
	179a	Civilian personnel accounting adjustment		-98,161	-98,161	-98,161	-98,161
	179b	Financial management savings			-17,700	-17,700	-17,700
	179c	Contract services savings			-13,700	-9,671	-9,671
	179d	Operational systems development T&E transfer			-6,000		
		Total, RDT&E Army	6,918,494	6,933,319	7,301,433	239,762	7,158,256

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY					
0601152N	1	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	16,352	16,352	16,352		16,352
0601153N	2	DEFENSE RESEARCH SCIENCES	393,557	395,657	403,557	5,000	398,557
		Robotic countermine technologies			[3,000]	[3,000]	
		Marine mammal research program		[2,100]			
		Marine mammal detection & mitigation			[2,000]		
		Marine mammal research				[2,000]	
		Corrosion R&D			[5,000]		
0602111N	3	AIR AND SURFACE LAUNCHED WEAPONS TECHNOLOGY					
0602114N	4	POWER PROJECTION APPLIED RESEARCH	76,612	105,312	76,612	13,300	89,912
		Strategic systems technology modernization (Transfer from DERF)		[7,300]		[7,300]	
		Integrated high payoff rocket propulsion technology (IHPRPT)		[5,000]			
		Hybrid fiber optic / wireless communications		[2,000]			
		Portable digital precision location system		[4,400]			
		Laser interrogator for high-speed covert retro-reflectometer		[5,000]		[2,000]	
		Low cost swarm unmanned aerial vehicle program		[5,000]		[4,000]	
0602121N	5	SHIP, SUBMARINE & LOGISTICS TECHNOLOGY					
0602122N	6	AIRCRAFT TECHNOLOGY					

Title II-RDT and E

(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
0602123N	7	FORCE PROTECTION APPLIED RESEARCH	89,390	96,390	103,890	11,500	100,890
		Advanced smart propulsor product model		[4,000]			
		Laser welding & cutting		[3,000]		[3,000]	
		Laser welding & cutting demonstration			[6,000]		
		Data fusion processor			[3,000]	[3,000]	
		Corrosion maintenance & airframe readiness technologies			[2,500]		
		Anti-corrosion modeling software				[2,500]	
		Advanced power systems			[2,000]	[2,000]	
		Center for Advanced Power Systems (CAPS)					
		Fiber reinforced polymer (FRP) composites research			[1,000]	[1,000]	
0602131M	8	MARINE CORPS LANDING FORCE TECHNOLOGY	30,274	30,274	30,274		30,274
0602232N	9	COMMUNICATIONS, COMMAND AND CONTROL, INTELLIGENCE,					
0602233N	10	HUMAN SYSTEMS TECHNOLOGY					
0602234N	11	MATERIALS, ELECTRONICS AND COMPUTER TECHNOLOGY					
0602235N	12	COMMON PICTURE APPLIED RESEARCH	75,594	75,594	75,594		75,594

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
0602236N	13	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	68,852	83,352	72,852	15,000	83,852
		Fibrous monolithic materials insertion		[7,000]		[4,500]	
		Human factors & improved performance integration tool (IMPRINT)		[2,000]		[1,500]	
		Commercial, off-the-shelf (COTS) carbon fiber qualification program for aircraft & missiles		[3,000]		[3,000]	
		Formable aligned carbon thermosets (FACTS)		[2,500]		[2,000]	
		Ceramic & carbon-based materials			[2,000]	[2,000]	
		Integrated bioenvironmental hazards research program			[2,000]	[2,000]	
0602270N	14	ELECTRONIC WARFARE TECHNOLOGY					
0602271N	15	RF SYSTEMS APPLIED RESEARCH	56,263	75,263	68,763	20,500	76,763
		Vacuum electronics		[8,000]		[8,000]	
		Wide bandgap semiconductor materials		[8,000]			
		Wide bandgap silicon carbide semiconductor research initiative			[2,500]	[2,500]	
		High brightness electron sources		[3,000]	[3,000]	[3,000]	
		Silicon carbide research & technology			[2,500]	[2,500]	
		Advanced semiconductor research			[1,500]	[1,500]	
		Nanoscience & technology			[3,000]	[3,000]	
0602314N	16	UNDERSEA WARFARE SURVEILLANCE TECHNOLOGY					
0602315N	17	MINE COUNTERMEASURES, MINING AND SPECIAL WARFARE					
0602435N	18	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	55,180	60,180	55,180	5,000	60,180
		Navy support of research in oceanography		[5,000]		[5,000]	
0602633N	19	UNDERSEA WARFARE WEAPONRY TECHNOLOGY					
0602747N	20	UNDERSEA WARFARE APPLIED RESEARCH	71,294	71,294	74,794	3,500	74,794
		Low acoustic signature motors & propulsors			[3,500]	[3,500]	
0602782N	21	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	56,813	56,813	54,313		56,813

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
		Reduce program growth			[-2,500]		
0602805N	22	DUAL USE SCIENCE AND TECHNOLOGY PROGRAM					
0603114N	23	POWER PROJECTION ADVANCED TECHNOLOGY	78,247	114,647	73,747	22,000	100,247
		Affordable weapon		[15,400]		[10,000]	
		DP-2 thrust vectoring program		[7,000]		[7,000]	
		Demonstrate advanced camouflage coatings & treatments for UAVs		[5,000]		[5,000]	
		Real-time precision tracking radar		[9,000]			
		Reduce program growth			[-4,500]		

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603123N	24	FORCE PROTECTION ADVANCED TECHNOLOGY	57,604	149,304	84,604	60,000	117,604
		Technology, unmanned surface vehicle (Transfer from DERF)		[36,000]	[24,000]	[22,500]	
		Littoral support craft - experimental (LSC-X)		[13,700]		[13,000]	
		Superconducting DC homopolar motor		[5,000]		[4,000]	
		Advanced ducted electric propulsion pod		[10,000]			
		Electric propulsion / ship power system distributed test bed		[5,000]		[3,000]	
		Ship service fuel cell		[4,000]	[2,000]	[4,000]	
		SEAL Mk V patrol craft modification		[6,000]		[2,500]	
		High temperature superconducting AC synchronous Navy propulsion motor		[7,000]		[7,000]	
		Permanent magnet generator development			[1,000]	[1,000]	
		Knowledge projection for fleet maintenance		[3,000]		[3,000]	
		Small combatant craft		[2,000]			
0603217N	25	AIR SYSTEMS AND WEAPONS ADVANCED TECHNOLOGY					
0603235N	26	COMMON PICTURE ADVANCED TECHNOLOGY	37,753	47,753	40,253	13,000	50,753
		Command center visualization (Transfer from DERF)		[7,000]	[7,000]	[7,000]	
		Integrated maritime picture system of systems		[3,000]			
		Improved shipboard combat information center				[6,000]	
		Reduce program growth			[-4,500]		

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603236N	27	WARFIGHTER SUSTAINMENT ADVANCED TECHNOLOGY	82,542	89,042	80,542	2,000	84,542
		Electronic interconnection research & development program		[3,000]		[2,000]	
		Shipboard integrated data environment		[3,500]			
		Corrosion-resistant glass technologies			[2,500]		
		Reduce program growth			[-4,500]		
0603238N	28	PRECISION STRIKE AND AIR DEFENSE TECHNOLOGY					
0603270N	29	ADVANCED ELECTRONIC WARFARE TECHNOLOGY					
0603271N	30	RF SYSTEMS ADVANCED TECHNOLOGY	65,098	73,298	67,098		65,098
		Advanced stealth ship radar		[5,800]			
		Multipurpose sensor		[2,400]			
		Multifunction antenna systems			[2,000]		
0603508N	31	SURFACE SHIP & SUBMARINE HM&E ADVANCED TECHNOLOGY					
0603640M	32	MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION	51,606	75,106	53,606	11,000	62,606
		Advanced light strike vehicle		[6,000]		[4,500]	
		Mobile fire support system (MFSS) 120mm rifled mortar program		[5,000]		[4,000]	
		Joint mission high-speed vessel		[9,000]			
		Water purification-expeditionary warfare		[2,000]			
		Rapid deployment fortification wall		[1,500]		[1,500]	
		Analysis of emerging threats			[2,000]	[1,000]	
0603706N	33	MEDICAL DEVELOPMENT					
0603707N	34	MANPOWER, PERSONNEL AND TRAINING ADV TECH DEV					
0603712N	35	ENVIRONMENTAL QUALITY AND LOGISTICS ADVANCED			4,000	4,000	4,000
		National Surface Treatment Center			[4,000]	[4,000]	
0603727N	36	NAVY TECHNICAL INFORMATION PRESENTATION SYSTEM	97,872	97,872	97,872		97,872
0603729N	37	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	19,040	35,140	19,040	7,000	26,040

Title II-RDT and E
(Dollars in Thousands)

<u>Program</u> <u>Element</u>	<u>Line</u> <u>No</u>	<u>Program Title</u>	<u>FY 2003</u> <u>Request</u>	<u>House</u> <u>Authorized</u>	<u>Senate</u> <u>Authorized</u>	<u>Conference Agreement</u> <u>Change</u>	<u>Authorized</u>
		Portable sterile water production device		[2,600]		[2,000]	
		Organ transfer technology		[5,000]			
		Biomedical research imaging		[5,000]		[5,000]	
		Modeling & simulation of surgical procedures for battlefield trauma		[3,500]			
0603747N	38	UNDERSEA WARFARE ADVANCED TECHNOLOGY	40,125	40,125	40,125		40,125
0603758N	39	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	43,460	43,460	43,460		43,460
0603782N	40	MINE AND EXPEDITIONARY WARFARE ADVANCED	43,725	46,725	46,725	2,000	45,725
		Ocean modeling for mine & expeditionary warfare		[3,000]		[2,000]	
		Mine countermeasures			[3,000]		
0603792N	41	ADVANCED TECHNOLOGY TRANSITION					
0603794N	42	C3 ADVANCED TECHNOLOGY					
0603207N	43	AIR/OCEAN TACTICAL APPLICATIONS	32,549	32,549	32,549		32,549
0603216N	44	AVIATION SURVIVABILITY	7,486	21,986	11,486	9,500	16,986
		Aircrew integrated life support system (AILSS)		[6,500]		[6,500]	
		Real-time heart rate variability monitor		[8,000]			
		Aircrew modular helmet			[4,000]	[3,000]	
0603237N	45	DEPLOYABLE JOINT COMMAND AND CONTROL	39,772	47,272	47,272	7,500	47,272
		Fully fund DJCC centers (Transfer from DERF)		[7,500]	[7,500]	[7,500]	
0603254N	46	ASW SYSTEMS DEVELOPMENT	13,207	18,207	13,207	3,500	16,707
		Nonlinear dynamics stochastic resonance		[5,000]		[3,500]	
0603261N	47	TACTICAL AIRBORNE RECONNAISSANCE	1,922	1,922	1,922		1,922
0603382N	48	ADVANCED COMBAT SYSTEMS TECHNOLOGY	3,350	3,350	3,350		3,350
0603502N	49	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	155,016	170,016	155,016	5,500	160,516
		Surface Navy integrated undersea tactical technology (SNIUTT)		[10,000]		[5,500]	

Title II-RDT and E

(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		Mine countermeasures mine sweep mid-life assessment & upgrade		[5,000]			
0603506N	50	SURFACE SHIP TORPEDO DEFENSE	3,244	3,244	3,244		3,244
0603512N	51	CARRIER SYSTEMS DEVELOPMENT	88,913	88,913	88,913		88,913
0603513N	52	SHIPBOARD SYSTEM COMPONENT DEVELOPMENT	243,111	245,111	253,111	7,000	250,111
		Advanced variable speed drive systems		[2,000]		[1,000]	
		Electric start for gas turbine engines			[5,000]	[1,000]	
		COTS-style airbag technology for surface torpedo launch			[5,000]	[5,000]	
0603525N	53	PILOT FISH	72,637	72,637	72,637		72,637
0603527N	54	RETRACT LARCH	28,482	28,482	28,482		28,482
0603542N	55	RADIOLOGICAL CONTROL	1,078	1,078	1,078		1,078
0603553N	56	SURFACE ASW	3,219	3,219	3,219		3,219
0603559N	57	SSGN CONVERSION	82,527	82,527	82,527		82,527

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603561N	58	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	107,389	127,389	113,289	24,900	132,289
		MK 48 advanced capability torpedo improvements		[8,000]		[8,000]	
		Advanced composite sail		[5,000]		[4,000]	
		Submarine payloads & sensors program		[7,000]		[7,000]	
		Electromechanical actuator development			[1,900]	[1,900]	
		Electric motor brush technology			[4,000]	[4,000]	
0603562N	59	SUBMARINE TACTICAL WARFARE SYSTEMS	11,601	11,601	11,601		11,601
0603563N	60	SHIP CONCEPT ADVANCED DESIGN	5,820	10,820	9,820	4,000	9,820
		Autonomous maritime navigation		[5,000]			
		Requirements development for a littoral ship			[4,000]	[4,000]	
0603564N	61	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	2,983	2,983	2,983		2,983
0603570N	62	ADVANCED NUCLEAR POWER SYSTEMS	216,091	216,091	216,091		216,091
0603573N	63	ADVANCED SURFACE MACHINERY SYSTEMS	2,931	2,931	2,931		2,931
0603576N	64	CHALK EAGLE	20,978	20,978	20,978		20,978
0603582N	65	COMBAT SYSTEM INTEGRATION	40,464	60,464	40,464	20,000	60,464
		Navy common command & decision system		[20,000]		[20,000]	
0603609N	66	CONVENTIONAL MUNITIONS	22,445	22,445	18,445	-4,000	18,445
		Reduce unexplained warhead development			[-4,000]	[-4,000]	
0603611M	67	MARINE CORPS ASSAULT VEHICLES	272,092	272,092	272,092		272,092
0603612M	68	MARINE CORPS MINE/COUNTERMEASURES SYSTEMS - ADV DEV	497	497	497		497

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603635M	69	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	27,777	27,777	30,577		27,777
		Lightweight 155mm howitzer testing			[2,800]		
0603654N	70	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	12,877	12,877	12,877		12,877
0603658N	71	COOPERATIVE ENGAGEMENT	86,144	86,144	86,144		86,144
0603713N	72	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	15,257	15,257	15,257		15,257
0603721N	73	ENVIRONMENTAL PROTECTION	44,206	44,206	44,206		44,206
0603724N	74	NAVY ENERGY PROGRAM	5,060	5,060	10,060	5,000	10,060
		Navy fuel cell technology program			[5,000]	[5,000]	
0603725N	75	FACILITIES IMPROVEMENT	2,124	4,624	2,124		2,124
		Photovoltaic energy park		[2,500]			
0603734N	76	CHALK CORAL	50,704	67,104	67,104	16,400	67,104
		Classified program (Transfer from DERF)		[5,000]	[5,000]	[5,000]	
		Classified program (Transfer from DERF)		[11,400]	[11,400]	[11,400]	
0603739N	77	NAVY LOGISTIC PRODUCTIVITY	13,023	24,023	13,023	8,000	21,023
		Rapid retargeting project		[5,000]		[4,000]	
		Compatible processor upgrade program (CPUP)		[6,000]		[4,000]	
0603746N	78	RETRACT MAPLE	212,506	276,506	276,506	64,000	276,506
		Classified program (Transfer from DERF)		[64,000]	[64,000]	[64,000]	
0603748N	79	LINK PLUMERIA	82,909	82,909	82,909		82,909
0603751N	80	RETRACT ELM	21,900	21,900	21,900		21,900
0603755N	81	SHIP SELF DEFENSE - DEM/VAL	5,930	5,930	5,930		5,930
0603764N	82	LINK EVERGREEN	55,971	55,971	55,971		55,971
0603787N	83	SPECIAL PROCESSES	39,756	39,756	39,756		39,756
0603790N	84	NATO RESEARCH AND DEVELOPMENT	11,581	11,581	11,581		11,581
0603795N	85	LAND ATTACK TECHNOLOGY	108,693	134,193	108,693		108,693

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
		Advanced land attack missile (ALAM)		[11,000]			
		Extended range guided munitions (ERGM)		[14,500]			
0603800N	86	JOINT STRIKE FIGHTER (JSF) - DEM/VAL					
0603851M	87	NONLETHAL WEAPONS - DEM/VAL	24,082	24,082	26,082	2,000	26,082
		Urban operations environmental research				[2,000]	
0603857N	88	ALL SERVICE COMBAT IDENTIFICATION EVALUATION TEAM	14,414	14,414	14,414		14,414
0603860N	89	JOINT PRECISION APPROACH AND LANDING SYSTEMS -	11,932	11,932	11,932		11,932
0603879N	90	SINGLE INTEGRATED AIR PICTURE (SIAP) SYSTEM ENGINEER	73,966	73,966	73,966		73,966
0603889N	91	COUNTERDRUG RDT&E PROJECTS					
0604707N	92	SPACE AND ELECTRONIC WARFARE (SEW)	31,623	31,623	31,623		31,623
	92a	Dem/val Test and Evaluation transfer			-15,000		
0603662N	93	FOREIGN COUNTER-INTELLIGENCE (FCI)	[]	[]	[]	[]	[]
0603787N	94	SPECIAL PROCESSES	[]	[]	[]	[]	[]
0603831N	95	CLASSIFIED PROGRAMS	[]	[]	[]	[]	[]

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0604212N	96	OTHER HELO DEVELOPMENT	31,123	38,623	32,623	5,500	36,623
		VH-3D/VH-60D comm upgrade (Transfer from DERF)		[1,500]	[1,500]	[1,500]	
		Sea-target laser aim scoring system (LASS)		[4,000]		[2,000]	
		Advanced cable design for mine / submarine warfare sensors & countermeasures		[2,000]		[2,000]	
0604214N	97	AV-8B AIRCRAFT - ENG DEV	18,565	18,565	18,565		18,565
0604215N	98	STANDARDS DEVELOPMENT	37,757	42,957	37,757	5,200	42,957
		Metrology		[5,200]		[5,200]	
0604216N	99	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	88,969	88,969	88,969		88,969
0604217N	100	S-3 WEAPON SYSTEM IMPROVEMENT	422	422	422		422
0604218N	101	AIR/OCEAN EQUIPMENT ENGINEERING	5,725	5,725	5,725		5,725
0604221N	102	P-3 MODERNIZATION PROGRAM	2,348	2,348	2,348		2,348
0604231N	103	TACTICAL COMMAND SYSTEM	81,475	81,475	65,475	-16,000	65,475
		Reduce FORCEnet effort that duplicates other R&D activities			[-16,000]	[-16,000]	
0604234N	104	E-2C RADAR MODERNIZATION	113,681	113,681	113,681		113,681
0604245N	105	H-1 UPGRADES	241,384	241,384	241,384		241,384
0604261N	106	ACOUSTIC SEARCH SENSORS	13,929	33,929	13,929		13,929
		Advanced extended echo-ranging (AEER) sonobuoy development		[20,000]			
0604262N	107	V-22A	420,109	420,109	420,109		420,109
0604264N	108	AIR CREW SYSTEMS DEVELOPMENT	6,695	6,695	6,695		6,695

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0604270N	109	EW DEVELOPMENT	74,742	87,742	74,742	13,000	87,742
		Airborne electronic attack follow-on		[10,000]		[10,000]	
		Location of Global Positioning System interferers (LOCO GPSI)		[3,000]		[3,000]	
0604280N	110	JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY)	20,373	20,373	20,373		20,373
0604300N	111	SC-21 TOTAL SHIP SYSTEM ENGINEERING	717,397	717,397	720,397	2,000	719,397
		Power node control center (PNCC)			[3,000]	[2,000]	
0604307N	112	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	300,748	310,748	308,248	5,000	305,748
		AEGIS baseline 7 phase II open systems architecture		[10,000]			
		DDG optimized manning initiative			[7,500]	[5,000]	
0604311N	113	LPD-17 CLASS SYSTEMS INTEGRATION	10,133	10,133	10,133		10,133
0604312N	114	TRI-SERVICE STANDOFF ATTACK MISSILE	14,943	14,943	14,943		14,943
0604329N	115	SMALL DIAMETER BOMB (SDB)	1,989	1,989	1,989		1,989
0604366N	116	STANDARD MISSILE IMPROVEMENTS	16,288	16,288	21,288		16,288
		Advanced optical correlator			[5,000]		
0604373N	117	AIRBORNE MCM	67,240	67,240	67,240		67,240
0604503N	118	SSN-688 AND TRIDENT MODERNIZATION	98,516	139,516	98,516	23,500	122,016
		Affordable towed array construction		[16,000]		[1,000]	
		Acoustic rapid commercial, off-the-shelf (COTS) technology insertion		[25,000]		[22,500]	
0604504N	119	AIR CONTROL	4,951	4,951	4,951		4,951
0604507N	120	ENHANCED MODULAR SIGNAL PROCESSOR	513	513	513		513

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0604512N	121	SHIPBOARD AVIATION SYSTEMS	24,619	32,819	33,119	4,000	28,619
		Aviation-shipboard information technology initiative		[8,200]	[8,500]	[4,000]	
0604518N	122	COMBAT INFORMATION CENTER CONVERSION					
0604524N	123	SUBMARINE COMBAT SYSTEM					
0604558N	124	NEW DESIGN SSN	238,253	238,253	238,253		238,253
0604561N	125	SSN-21 DEVELOPMENTS	3,981	3,981	3,981		3,981
0604562N	126	SUBMARINE TACTICAL WARFARE SYSTEM	13,975	28,275	28,475	14,500	28,475
		Submarine tactical warfare system		[14,300]			
		Upgrade combat control software to commercial architecture			[14,500]	[14,500]	
0604567N	127	SHIP CONTRACT DESIGN/LIVE FIRE T&E	184,545	184,545	192,645	8,100	192,645
		Unexplained increases in manpower & training studies			[-1,900]	[-1,900]	
		LHA[R] -- Transfer from LHD-1 AP (SCN 15)			[10,000]	[10,000]	
0604574N	128	NAVY TACTICAL COMPUTER RESOURCES	2,185	2,185	2,185		2,185
0604601N	129	MINE DEVELOPMENT	1,491	1,491	1,491		1,491
0604603N	130	UNGUIDED CONVENTIONAL AIR-LAUNCHED WEAPONS	12,142	12,142	12,142		12,142
0604610N	131	LIGHTWEIGHT TORPEDO DEVELOPMENT	7,769	7,769	13,269	5,000	12,769
		Align lightweight & heavyweight torpedo baselines for commonality			[5,500]	[5,000]	
0604618N	132	JOINT DIRECT ATTACK MUNITION	48,861	48,861	48,861		48,861
0604654N	133	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	7,781	7,781	7,781		7,781
0604703N	134	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	1,331	1,331	1,331		1,331

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0604710N	135	NAVY ENERGY PROGRAM	5,691	5,691	8,191	2,500	8,191
		Continue ongoing demonstration of renewable energy use			[2,500]		
		Photovoltaic energy park				[2,500]	
0604721N	136	BATTLE GROUP PASSIVE HORIZON EXTENSION SYSTEM	14,070	14,070	19,070	5,000	19,070
		Cooperative Outboard logistics update (COBLU) digital upgrade			[5,000]	[5,000]	
0604727N	137	JOINT STANDOFF WEAPON SYSTEMS	16,652	16,652	16,652		16,652
0604755N	138	SHIP SELF DEFENSE (DETECT CONTROL)	61,966	61,966	66,966		61,966
		Continue SEARAM ordnance alteration development			[5,000]		
0604756N	139	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	19,528	19,528	19,528	5,000	24,528
		Continue SEARAM ordnance alteration development				[5,000]	
0604757N	140	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	28,064	29,664	39,909	11,845	39,909
		Ship self defense electronic warfare improvements		[-25,900]			
		AIEWS cancellation - shift to other EW improvements			[-25,855]	[-25,855]	
		AN / SLQ-32 shipboard electronic warfare system		[27,500]			
		Shipboard electronic warfare improvement			[27,500]	[27,500]	
		NULKA decoy improvements			[9,200]	[9,200]	
		Radar tiles for reduced surface ship signatures			[1,000]	[1,000]	
0604771N	141	MEDICAL DEVELOPMENT	7,154	10,254	8,079	925	8,079
		Real-time medical threat detection system		[3,100]			
		Security equipment for medical labs (Transfer from DERF)			[475]	[475]	
		Site improvement for medical labs (Transfer from DERF)			[450]	[450]	
0604777N	142	NAVIGATION/ID SYSTEM	46,618	46,618	46,618		46,618
0604784N	143	DISTRIBUTED SURVEILLANCE SYSTEM	35,861	51,861	35,861	4,000	39,861
		Advanced deployable system - off-board sensor		[4,000]		[4,000]	
		Advanced deployable system - burial capability		[6,000]			

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		Remotely powered, all optical array		[6,000]			
0604800N	144	JOINT STRIKE FIGHTER (JSF) - EMD	1,727,500	1,727,500	1,727,500		1,727,500
0604910N	145	SMART CARD	711	711	711		711
0605013M	146	INFORMATION TECHNOLOGY DEVELOPMENT	8,079	8,079	8,079		8,079
0605013N	147	INFORMATION TECHNOLOGY DEVELOPMENT	43,213	48,213	50,213	12,000	55,213
		Naval collaboration tool set		[5,000]		[5,000]	
		Human resource enterprise strategy			[7,000]	[7,000]	
0605014N	148	DEFENSE INTEGRATED MILITARY HUMAN RESOURCES SYSTEM	51,297	51,297	51,297		51,297
0605015N	149	JOINT COUNTER-INTELLIGENCE ASSESSMENT GROUP (JCAG) - RDT&E	2,337	2,337	2,337		2,337
0605500N	150	MULTI-MISSION MARITIME AIRCRAFT (MMA)	74,531	74,531	74,531		74,531
0508713N	151	NAVY STANDARD INTEGRATED PERSONNEL SYSTEM (NSIPS)	12,798	12,798	12,798		12,798
	151a	EMD Test and Evaluation transfer			-32,000		
0604256N	152	THREAT SIMULATOR DEVELOPMENT	30,599	30,599	30,599		30,599
0604258N	153	TARGET SYSTEMS DEVELOPMENT	45,562	45,562	45,562		45,562
0604759N	154	MAJOR T&E INVESTMENT	42,453	42,453	106,453		42,453
		Transfer from acquisition programs			[64,000]		
0605152N	155	STUDIES AND ANALYSIS SUPPORT - NAVY	4,071	4,071	4,071		4,071
0605154N	156	CENTER FOR NAVAL ANALYSES	45,435	45,435	40,435		45,435
		Navy reports, studies, & analyses			[-5,000]		
0605155N	157	FLEET TACTICAL DEVELOPMENT	2,771	2,771	2,771		2,771
0605502N	158	SMALL BUSINESS INNOVATIVE RESEARCH					
0605804N	159	TECHNICAL INFORMATION SERVICES	929	6,929	929		929
		Supply chain best practices		[6,000]			
0605853N	160	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	50,787	50,787	52,787	2,000	52,787

Title II-RDT and E

(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		Combating terrorism wargaming & research			[2,000]	[2,000]	
0605856N	161	STRATEGIC TECHNICAL SUPPORT	2,340	2,340	2,340		2,340
0605861N	162	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT	59,447	59,447	59,447		59,447
0605862N	163	RDT&E INSTRUMENTATION MODERNIZATION	13,289	13,289	13,289		13,289
0605863N	164	RDT&E SHIP AND AIRCRAFT SUPPORT	71,519	71,519	71,519		71,519
0605864N	165	TEST AND EVALUATION SUPPORT	278,838	278,838	278,838		278,838
0605865N	166	OPERATIONAL TEST AND EVALUATION CAPABILITY	12,642	12,642	12,642		12,642
0605866N	167	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	3,242	3,242	3,242		3,242
0605867N	168	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	12,120	12,120	12,120		12,120
0605873M	169	MARINE CORPS PROGRAM WIDE SUPPORT	12,208	15,208	12,208	3,000	15,208
		Chemical agent warning network demonstration		[3,000]		[3,000]	
0305885N	170	TACTICAL CRYPTOLOGIC ACTIVITIES					
0909998N	171	PROBLEM DISBURSEMENTS					
0909999N	172	FINANCING FOR CANCELLED ACCOUNT ADJUSTMENTS					
	172a	Medical Force Protection		925			
		Security equipment for medical labs (Transfer from DERF)		[475]			
		Site improvement for medical labs (Transfer from DERF)		[450]			
0603660N	173	ADVANCED DEVELOPMENT PROJECTS	[]	[]	[]	[]	[]
0603661N	174	RETRACT VIOLET	[]	[]	[]	[]	[]
0604805N	175	COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE					
0101221N	176	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	40,278	110,178	110,178	69,900	110,178
		Maneuvering reentry vehicle demonstration (Transfer from DERF)		[30,000]	[30,000]	[30,000]	
		Solid rocket motor static test fire demonstrations (Transfer from DERF)		[7,500]	[7,500]	[7,500]	
		Guidance applications program (Transfer from DERF)		[14,400]	[14,400]	[14,400]	
		Radiation hardening program (Transfer from DERF)		[18,000]	[18,000]	[18,000]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0101224N	177	SSBN SECURITY TECHNOLOGY PROGRAM	34,567	34,567	34,567		34,567
0101226N	178	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	1,091	1,091	1,091		1,091
0101402N	179	NAVY STRATEGIC COMMUNICATIONS	21,452	21,452	21,452		21,452
0204136N	180	F/A-18 SQUADRONS	204,466	204,466	219,466	10,000	214,466
		F414 engine durability improvements			[15,000]	[10,000]	
0204152N	181	E-2 SQUADRONS	19,011	19,011	19,011		19,011
0204163N	182	FLEET TELECOMMUNICATIONS (TACTICAL)	12,576	12,576	12,576		12,576
0204229N	183	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER	94,265	94,265	99,265	5,000	99,265
		Precision terrain aided navigation			[5,000]	[5,000]	
0204311N	184	INTEGRATED SURVEILLANCE SYSTEM	20,405	20,405	20,405		20,405
0204413N	185	AMPHIBIOUS TACTICAL SUPPORT UNITS	6,352	6,352	6,352		6,352
0204571N	186	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	31,421	41,421	31,421	4,000	35,421
		Antisubmarine warfare synthetic training environment		[10,000]		[4,000]	
0204575N	187	ELECTRONIC WARFARE (EW) READINESS SUPPORT	6,731	35,731	37,731	29,000	35,731
		Virtual environment for warfighter (VIEW)			[2,000]		
		Retract Barley (Transfer from DERF)		[20,000]	[20,000]	[20,000]	
		Information warfare system (Transfer from DERF)		[9,000]	[9,000]	[9,000]	
0205601N	188	HARM IMPROVEMENT	60,758	62,258	60,758	1,000	61,758
		Advanced composite radome materials		[1,500]		[1,000]	
0205604N	189	TACTICAL DATA LINKS	42,667	42,667	42,667		42,667
0205620N	190	SURFACE ASW COMBAT SYSTEM INTEGRATION	24,424	24,424	24,424		24,424
0205632N	191	MK-48 ADCAP	22,052	22,052	22,052		22,052
0205633N	192	AVIATION IMPROVEMENTS	40,915	40,915	40,915		40,915
0205658N	193	NAVY SCIENCE ASSISTANCE PROGRAM	4,801	4,801	4,801		4,801
0205667N	194	F-14 UPGRADE					

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0205675N	195	OPERATIONAL NUCLEAR POWER SYSTEMS	56,804	56,804	56,804		56,804

Title II-RDT and E
(Dollars in Thousands)

<u>Program</u> <u>Element</u>	<u>Line</u> <u>No</u>	<u>Program Title</u>	<u>FY 2003</u> <u>Request</u>	<u>House</u> <u>Authorized</u>	<u>Senate</u> <u>Authorized</u>	<u>Conference Agreement</u> <u>Change</u>	<u>Authorized</u>
0206313M	196	MARINE CORPS COMMUNICATIONS SYSTEMS	174,664	197,464	187,464	17,800	192,464
		Technical control & analysis center (TCAC) (Transfer from DERF)		[2,500]	[2,500]	[2,500]	
		MANPACK secondary imagery dissem sys (SIDS) (Transfer from DERF)		[300]	[300]	[300]	
		Team portable collection system (TPCS) (Transfer from DERF)		[3,400]	[3,400]	[3,400]	
		I-SURSS (Transfer from DERF)		[2,500]	[2,500]	[2,500]	
		Radio reconnaissance equipment program (RREP) (Transfer from DERF)		[300]	[300]	[300]	
		COTS hardware / software for TENCAP (Transfer from DERF)		[1,500]	[1,500]	[1,500]	
		Tactical exploitation group (TEG) (Transfer from DERF)		[1,000]	[1,000]	[1,000]	
		ISR spares & software updates (Transfer from DERF)		[1,200]	[1,200]	[1,200]	
		Tactical photography equipment (Transfer from DERF)		[100]	[100]	[100]	
		Marine Corps stationary lighter-than-air platform (MCSLaP)		[5,000]			
		Hawk AN / TPS-59 radar service life extension program - automatic false alarm reduction		[5,000]		[5,000]	
0206623M	197	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	36,004	38,654	37,904	1,900	37,904
		Target location designation & hand-off system (TLDHS)		[1,900]	[1,900]	[1,900]	
		Sniper rifle improvements		[750]			
0206624M	198	MARINE CORPS COMBAT SERVICES SUPPORT	21,041	21,041	21,041		21,041
0207161N	199	TACTICAL AIM MISSILES	1,957	1,957	1,957		1,957
0207163N	200	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	8,124	8,124	8,124		8,124
0301303N	201	MARITIME INTELLIGENCE	[]	[]	[]	[]	[]
0301303N	202	COLLECTION MANAGEMENT	[]	[]	[]	[]	[]
0303109N	203	TECHNICAL RECONNAISSANCE AND SURVEILLANCE	[]	[]	[]	[]	[]
0303109N	204	SATELLITE COMMUNICATIONS (SPACE)	115,903	115,903	115,903		115,903
0303140N	205	INFORMATION SYSTEMS SECURITY PROGRAM	18,436	18,436	18,436		18,436
0304111N	206	SPECIAL ACTIVITIES	[]	[]	[]	[]	[]

Title II-RDT and E

(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
0305160N	207	NAVY METEOROLOGICAL AND OCEAN SENSORS-SPACE (METOC)	19,801	19,801	19,801		19,801
0305188N	208	JOINT C4ISR BATTLE CENTER (JBC)	21,970	21,970	26,970	4,000	25,970
		Strategic interoperability initiative			[5,000]	[4,000]	
0305192N	209	JOINT MILITARY INTELLIGENCE PROGRAMS	6,709	6,709	6,709		6,709
0305204N	210	TACTICAL UNMANNED AERIAL VEHICLES	206,359	205,059	251,659	37,800	244,159
		Develop USMC Shadow (Adv) (Transfer from DERF)		[7,000]	[7,000]	[7,000]	
		ISR (BAMS UAV) / classified (Transfer from DERF)		[28,300]	[28,300]	[28,300]	
		Navy tactical unmanned aerial vehicle		[-43,600]			
		VTOL UAV operational testing				[-9,000]	
		Joint operational test bed		[7,000]		[7,000]	
		Integrate Global Hawk into tactical control system (TCS)			[10,000]	[4,500]	
0305206N	211	AIRBORNE RECONNAISSANCE SYSTEMS	5,469	11,469	5,469	6,000	11,469
		Electro-optical framing sensor		[6,000]		[6,000]	
0305207N	212	MANNED RECONNAISSANCE SYSTEMS	11,166	11,166	11,166		11,166
0305208N	213	DISTRIBUTED COMMON GROUND SYSTEMS	4,482	7,482	7,482	3,000	7,482
		Joint service imagery processing system development (Transfer from DERF)		[3,000]	[3,000]	[3,000]	
0305927N	214	NAVAL SPACE SURVEILLANCE	9,548	9,548	9,548		9,548
0308601N	215	MODELING AND SIMULATION SUPPORT	7,783	7,783	12,483	3,000	10,783
		Modeling & simulation initiatives for interoperability			[4,700]	[3,000]	
0702207N	216	DEPOT MAINTENANCE (NON-IF)	7,119	7,119	7,119		7,119
0708011N	217	INDUSTRIAL PREPAREDNESS	70,631	70,631	70,631		70,631
0708730N	218	MARITIME TECHNOLOGY (MARITECH)	9,943	9,943	13,943		9,943
		Maritime technology research			[4,000]		
	999	CLASSIFIED PROGRAMS	1,178,723	1,178,723	1,178,723	102,000	1,280,723

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
	218a	Civilian personnel accounting adjustment		-5,565	-5,565	-5,565	-5,565
	218b	Financial management savings			-25,600	-25,600	-25,600
	218c	Contract services savings			-6,900	-4,871	-4,871
	218d	Operational systems development T&E transfer			-17,000		
	218f	General reduction			-8,500		
		Total, RDT&E Navy	12,501,630	13,274,540	12,913,135	742,534	13,244,164

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE					
0601102F	1	DEFENSE RESEARCH SCIENCES	219,144	224,144	219,144		219,144
		Upper atmospheric & astronomical training		[5,000]			
0602102F	2	MATERIALS	75,272	85,972	89,772	18,000	93,272
		Metals affordability initiative		[4,000]	[3,000]	[4,000]	
		Thermal management for space structures		[3,200]		[2,500]	
		Advanced thermal protection systems		[3,500]			
		Free electron laser materials processing			[3,000]	[3,000]	
		Nanostructured protective coatings			[2,000]	[2,000]	
		Hybrid coatings for aircraft systems			[3,000]	[3,000]	
		Composite materials for UAVs			[2,500]	[2,500]	
		Closed cell foam material technology			[1,000]	[1,000]	
0602201F	3	AEROSPACE VEHICLE TECHNOLOGIES	78,789	79,789	78,789		78,789
		Space technology		[1,000]			
0602202F	4	HUMAN EFFECTIVENESS APPLIED RESEARCH	66,000	66,000	66,000		66,000
0602203F	5	AEROSPACE PROPULSION	107,659	125,359	109,659	18,700	126,359
		Solid rocket propulsion aging & surveillance program (Transfer from DERF)		[5,700]		[5,700]	
		Pulse detonation engine		[6,000]		[6,000]	
		Lithium ion batteries		[6,000]	[2,000]	[6,000]	
		Space technology				[1,000]	
0602204F	6	AEROSPACE SENSORS	75,799	75,799	78,799	1,000	76,799
		Wireless ISR technology			[3,000]	[1,000]	
0602500F	7	MULTI-DISCIPLINARY SPACE TECHNOLOGY	53,592	101,592	53,592	47,000	100,592
		Space-based GMTI & AMTI capability (Transfer from DERF)		[43,000]	[43,000]	[43,000]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		Space-based radar not S&T - Transfer to PE 63858F (RDAF 57)			[-43,000]		
		Integrated high payoff rocket propulsion technology (IHPRPT)		[5,000]		[4,000]	
		Engineering tool improvement program					
0602601F	8	SPACE TECHNOLOGY	58,582	58,582	66,582	8,000	66,582
		Microsatellite cluster technology			[3,000]	[3,000]	
		Lightweight structures for space			[1,000]	[1,000]	
		Integrated control for autonomous space systems			[2,000]	[2,000]	
		Silicon substrates flexible solar cells			[2,000]	[2,000]	
0602602F	9	CONVENTIONAL MUNITIONS	60,343	60,343	60,343		60,343
0602605F	10	DIRECTED ENERGY TECHNOLOGY	39,936	42,186	39,936		39,936
		Vacuum pump		[2,250]			
0602702F	11	COMMAND CONTROL AND COMMUNICATIONS	70,951	70,951	78,951	3,000	73,951
		Information protection & authentication			[3,000]	[3,000]	
		Cyber security R&D			[5,000]		
0602805F	12	DUAL USE SCIENCE AND TECHNOLOGY PROGRAM	10,626	10,626	10,626		10,626
0603106F	13	LOGISTICS SYSTEMS TECHNOLOGY					

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603112F	14	ADVANCED MATERIALS FOR WEAPON SYSTEMS	21,138	29,138	21,138	6,500	27,638
		Metals affordability initiative		[5,000]		[3,500]	
		Ceramic matrix composites		[3,000]		[3,000]	
0603202F	15	AEROSPACE PROPULSION SUBSYSTEMS INTEGRATION					
0603203F	16	ADVANCED AEROSPACE SENSORS	50,589	50,589	50,589		50,589
0603205F	17	FLIGHT VEHICLE TECHNOLOGY					
0603211F	18	AEROSPACE TECHNOLOGY DEV/DEMO	22,315	26,315	26,315	4,000	26,315
		Advanced aluminum aerostructures		[4,000]	[4,000]	[4,000]	
0603216F	19	AEROSPACE PROPULSION AND POWER TECHNOLOGY	85,650	93,050	85,650	4,400	90,050
		Solid rocket propulsion aging & surveillance program (Transfer from DERF)		[4,400]		[4,400]	
		Thrust vector control & infrared signature reduction		[3,000]			
0603227F	20	PERSONNEL, TRAINING AND SIMULATION TECHNOLOGY					
0603231F	21	CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY	29,690	29,690	33,690	3,500	33,190
		Logistics technologies			[1,500]	[1,000]	
		Total atmospheric liquefaction system (TALON)			[2,500]	[2,500]	
0603245F	22	FLIGHT VEHICLE TECHNOLOGY INTEGRATION					
0603253F	23	ADVANCED SENSOR INTEGRATION					
0603270F	24	ELECTRONIC COMBAT TECHNOLOGY	23,350	23,350	27,350	1,000	24,350
		Test detect & avoid (DAA) technology for FAA approval			[4,000]	[1,000]	
0603302F	25	SPACE AND MISSILE ROCKET PROPULSION					
0603311F	26	BALLISTIC MISSILE TECHNOLOGY		5,900	4,900	4,900	4,900
		Improved guidance, navigation & controls (Transfer from DERF)		[4,900]	[4,900]	[4,900]	
		Space technology		[1,000]			
0603333F	27	UNMANNED AIR VEHICLE DEV/DEMO	18,000	18,000	18,000		18,000

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603401F	28	ADVANCED SPACECRAFT TECHNOLOGY	42,315	50,815	52,315	10,000	52,315
		Streaker small launch vehicle		[5,000]			
		Scorpius		[3,500]			
		Thin film amorphous solar arrays			[10,000]	[10,000]	
0603410F	29	SPACE SYSTEMS ENVIRONMENTAL INTERACTIONS					
0603436F	30	TRANSFORMATIONAL WIDEBAND MILSATCOM	195,000	195,000		-195,000	
		Engineering-level pre-acquisition effort premature			[-80,000]	[-80,000]	
		Transfer to advanced wideband system (AWS) - PE 63845F (RDAF 52)			[-115,000]	[-115,000]	
0603444F	31	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	6,472	11,472	6,472	4,000	10,472
		High-accuracy network determination system (HANDS)		[5,000]		[4,000]	
0603500F	32	MULTI-DISCIPLINARY ADVANCED DEVELOPMENT SPACE	50,538	50,538	56,538	6,000	56,538
		Aerospace relay mirror system demonstration			[6,000]	[6,000]	
0603601F	33	CONVENTIONAL WEAPONS TECHNOLOGY	38,001	38,001	45,001	7,000	45,001
		Low cost autonomous attack system (LOCAAS)			[7,000]	[7,000]	
0603605F	34	ADVANCED WEAPONS TECHNOLOGY	28,271	28,271	28,271		28,271
0603723F	35	ENVIRONMENTAL ENGINEERING TECHNOLOGY		3,000		2,500	2,500
		Texas Regional Institute for Environmental Studies (TRIES)		[3,000]		[2,500]	
0603726F	36	AEROSPACE INFO TECH SYS INTEGRATION					
0603789F	37	C3I ADVANCED DEVELOPMENT	34,288	42,588	34,288	8,300	42,588
		Intrusion defenses & system security tools development		[4,000]		[4,000]	
		Time-critical target identification programs acceleration		[4,300]		[4,300]	
0603801F	38	SPECIAL PROGRAMS	97,300	97,300	97,300		97,300
0603876F	39	SPACE-BASED LASER					
0603260F	40	INTELLIGENCE ADVANCED DEVELOPMENT	4,545	5,545	4,545		4,545

Title II-RDT and E

(Dollars in Thousands)

<u>Program</u> <u>Element</u>	<u>Line</u> <u>No</u>	<u>Program Title</u>	<u>FY 2003</u> <u>Request</u>	<u>House</u> <u>Authorized</u>	<u>Senate</u> <u>Authorized</u>	<u>Conference Agreement</u> <u>Change</u>	<u>Authorized</u>
		Super wideband compressive receiver		[1,000]			
0603319F	41	AIRBORNE LASER PROGRAM					
0603421F	42	NAVSTAR GLOBAL POSITIONING SYSTEM III	100,217	100,217	100,217	-14,200	86,017
		Programs delays / execution				[-14,200]	
0603430F	43	ADVANCED EHF MILSATCOM (SPACE)	825,783	844,783	844,783	19,000	844,783
		Radiation hardening program (Transfer from DERF)		[19,000]	[19,000]	[19,000]	
0603432F	44	POLAR MILSATCOM (SPACE)	19,554	19,554	19,554		19,554
0603434F	45	NATIONAL POLAR-ORBITING OPERATIONAL ENVIRONMENTAL SATELLITE SYS (SPACE)	237,199	237,199	237,199		237,199
0603438F	46	SPACE CONTROL TECHNOLOGY	13,814	13,814	13,814		13,814
0603617F	47	COMMAND, CONTROL, AND COMMUNICATION APPLICATIONS					
0603742F	48	COMBAT IDENTIFICATION TECHNOLOGY	12,434	12,434	12,434		12,434
0603790F	49	NATO RESEARCH AND DEVELOPMENT	4,355	4,355	4,355		4,355
0603791F	50	INTERNATIONAL SPACE COOPERATIVE R&D	643	643	643		643
0603800F	51	JOINT STRIKE FIGHTER					
0603845F	52	ADVANCED WIDEBAND SYSTEM (AWS)	4,982	4,982	119,982	115,000	119,982
		Transfer from PE 63436F (RDAF 30) -- not S&T activity			[115,000]	[115,000]	
0603850F	53	INTEGRATED BROADCAST SERVICE (DEM/VAL)	19,870	39,070	39,070	19,200	39,070
		IBS smart pull technology (Transfer from DERF)		[6,600]	[6,600]	[6,600]	
		Fully fund IBS R&D shortfalls (Transfer from DERF)		[12,600]	[12,600]	[12,600]	
0603851F	54	INTERCONTINENTAL BALLISTIC MISSILE - DEM/VAL	63,025	70,525	70,525	7,500	70,525
		Solid rocket motor static test fire demonstrations (Transfer from DERF)		[7,500]	[7,500]	[7,500]	
0603854F	55	WIDEBAND GAPFILLER SYSTEM RDT&E (SPACE)	20,009	20,009	20,009		20,009
0603856F	56	AIR FORCE/NATIONAL PROGRAM COOPERATION (AFNPC)	8,829	2,829	8,829		8,829
		Air Force / national systems cooperation		[-6,000]			

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603858F	57	SPACE-BASED RADAR DEM/VAL Space-based radar not S&T - Transfer from PE 62500F (RDAF 7)	47,859	47,859	90,859 [43,000]		47,859
0603859F	58	POLLUTION PREVENTION (DEM/VAL)	2,743	2,743	2,743		2,743
0603860F	59	JOINT PRECISION APPROACH AND LANDING SYSTEMS -	13,267	13,267	13,267		13,267
0604327F	60	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM	7,482	7,482	7,482		7,482
0305149F	61	COBRA JUDY (H)	51,000	51,000	51,000		51,000
	61a	Dem/val Test and Evaluation transfer			-9,000		
0603840F	62	GLOBAL BROADCAST SERVICE (GBS)	22,589	22,589	22,589		22,589
0604012F	63	JOINT HELMET MOUNTED CUEING SYSTEM (JHMCS)	1,859	1,859	1,859		1,859
0604222F	64	NUCLEAR WEAPONS SUPPORT	13,627	13,627	13,627		13,627
0604226F	65	B-1B	160,688	160,688	160,688		160,688
0604227F	66	DISTRIBUTED MISSION TRAINING (DMT)					
0604233F	67	SPECIALIZED UNDERGRADUATE PILOT TRAINING	1,909	1,909	1,909		1,909
0604239F	68	F-22 EMD	627,266	627,266	627,266		627,266
0604240F	69	B-2 ADVANCED TECHNOLOGY BOMBER Transfer to B-2 procurement -- APAF 24 LO maintenance improvements Unexecutable programs B-2 radar frequency change (Transfer from DERF)	225,327	292,327 [17,000] [50,000]	258,327 [-25,200] [10,000] [-1,800] [50,000]	40,000 [-25,200] [17,000] [-1,800] [50,000]	265,327
0604251F	70	SPACE-BASED RADAR EMD					
0604270F	71	EW DEVELOPMENT Precision location & identification (PLAID) Comet infrared countermeasures system IDECM: fiber towed decoy	65,082	84,982 [14,700] [5,200]	79,782 [14,700]	6,000 [14,700] [-8,700]	71,082

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0604280F	72	JOINT TACTICAL RADIO	17,358	17,358	17,358		17,358
0604329F	73	SMALL DIAMETER BOMB (SDB) EMD	54,368	54,368	54,368		54,368
0604421F	74	COUNTERSPACE SYSTEMS	40,053	40,053	40,053		40,053

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
0604441F	75	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD Restructured program with FY 07 first launch Restructured program	814,927	814,927	714,927 [-100,000]	-40,000 [-40,000]	774,927
0604442F	76	SPACE BASED INFRARED SYSTEM (SBIRS) LOW EMD					
0604479F	77	MILSTAR LDR/MDR SATELLITE COMMUNICATIONS (SPACE) Joint integrated satellite communications technology	148,936	157,036 [8,100]	148,936	8,000 [8,000]	156,936
0604600F	77a	Munitions Dispenser Development Wind corrected munitions dispenser - extended range (WCMD-ER)		16,200 [16,200]		7,000 [7,000]	7,000
0604602F	78	ARMAMENT/ORDNANCE DEVELOPMENT	9,160	9,160	9,160		9,160
0604604F	79	SUBMUNITIONS	4,739	4,739	4,739		4,739
0604617F	80	AGILE COMBAT SUPPORT Deployable oxygen systems Integrated medical information technology systems (IMITS)	6,318	6,318	14,818 [2,500] [6,000]	2,500 [2,500]	8,818
0604618F	81	JOINT DIRECT ATTACK MUNITION	16,594	16,594	16,594		16,594
0604703F	82	AEROMEDICAL/CHEMICAL DEFENSE SYSTEMS					
0604706F	83	LIFE SUPPORT SYSTEMS Advanced concept ejection seat (ACES II) improvement Fixed aircrew standardized seats (FASS) Aircrew rescue signaling systems	925	8,025 [7,100]	7,425 [2,500] [4,000]	10,500 [4,000] [4,000]	11,425
0604727F	84	JOINT STANDOFF WEAPONS SYSTEMS					
0604731F	85	UNMANNED COMBAT AIR VEHICLE (UCAV)	40,000	40,000	40,000		40,000
0604735F	86	COMBAT TRAINING RANGES Air combat training ranges	13,524	16,524 [3,000]	13,524	3,000 [3,000]	16,524
0604740F	87	INTEGRATED COMMAND & CONTROL APPLICATIONS (IC2A)	226	226	226		226
0604750F	88	INTELLIGENCE EQUIPMENT	1,326	1,326	1,326		1,326

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0604754F	89	TACTICAL DATA LINK INFRASTRUCTURE					
0604762F	90	COMMON LOW OBSERVABLES VERIFICATION SYSTEM	4,781	4,781	17,781		4,781
		Restructure EMD program to support FY 04 IOC			[13,000]		
0604779F	91	TACTICAL DATA LINK INTEROPERABILITY					
0604800F	92	JOINT STRIKE FIGHTER EMD	1,743,668	1,743,668	1,743,668		1,743,668
0604805F	93	COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE					
0604851F	94	INTERCONTINENTAL BALLISTIC MISSILE - EMD	133,291	133,291	133,291		133,291
0604853F	95	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE) - EMD	57,562	57,562	57,562		57,562
0605011F	96	RDT&E FOR AGING AIRCRAFT	19,871	34,871	19,871	10,000	29,871
		Aging landing gear life extension program		[15,000]		[10,000]	
0605306F	97	RANCH HAND II EPIDEMIOLOGY STUDY					
0207249F	98	PRECISION ATTACK SYSTEMS PROCUREMENT					
0207434F	99	LINK-16 SUPPORT AND SUSTAINMENT	44,146	44,146	44,146		44,146
0207701F	100	FULL COMBAT MISSION TRAINING	3,731	3,731	3,731		3,731
0305176F	101	COMBAT SURVIVOR EVADER LOCATOR	14,274	14,274	14,274		14,274
0401318F	102	CV-22	11,449	11,449	11,449		11,449
	102a	EMD Test and Evaluation transfer			-27,000		
0604256F	103	THREAT SIMULATOR DEVELOPMENT	30,351	30,351	30,351		30,351
0604759F	104	MAJOR T&E INVESTMENT	46,338	53,338	145,838	7,500	53,838
		Laser induced surface improvement technology		[3,000]		[1,000]	
		Electronic countermeasures upgrades for generic radar target generator		[4,000]		[4,000]	
		Transfer from acquisition programs			[96,000]	[0]	
		Maglev upgrade program			[2,500]	[2,500]	
		Joint directed energy combat operations & employment			[1,000]		

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0605101F	105	RAND PROJECT AIR FORCE Air Force reports, studies, & analyses	25,462	25,462	20,462 [-5,000]		25,462
0605306F	106	RANCH HAND II EPIDEMIOLOGY STUDY	11,029	11,029	11,029		11,029
0605502F	107	SMALL BUSINESS INNOVATION RESEARCH					
0605712F	108	INITIAL OPERATIONAL TEST & EVALUATION	27,070	27,070	27,070		27,070
0605807F	109	TEST AND EVALUATION SUPPORT	398,266	398,266	398,266		398,266
0605860F	110	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) Missile technology demonstration 3b (MTD-3b)	16,237	27,237 [11,000]	16,237	4,000 [4,000]	20,237
0605864F	111	SPACE TEST PROGRAM (STP)	49,882	49,882	49,882		49,882
0804731F	112	GENERAL SKILL TRAINING	313	313	313		313
0909900F	113	FINANCING FOR EXPIRED ACCOUNT ADJUSTMENTS					
0909980F	114	JUDGMENT FUND REIMBURSEMENT	20,000	20,000	20,000		20,000
1001004F	115	INTERNATIONAL ACTIVITIES	3,878	3,878	3,878		3,878
0605024F	116	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	8,000	8,000	8,000		8,000
0101113F	117	B-52 SQUADRONS	55,794	55,794	55,794		55,794
0101120F	118	ADVANCED CRUISE MISSILE	2,788	2,788	2,788		2,788
0101122F	119	AIR-LAUNCHED CRUISE MISSILE (ALCM)	26,713	26,713	26,713		26,713
0101313F	120	STRAT WAR PLANNING SYSTEM - USSTRATCOM	1,895	1,895	1,895		1,895
0101815F	121	ADVANCED STRATEGIC PROGRAMS	5,879	5,879	5,879		5,879
0102326F	122	REGION/SECTOR OPERATION CONTROL CENTER	35,000	35,000	35,000		35,000
0203761F	123	WARFIGHTER RAPID ACQUISITION PROCESS (WRAP) RAPID TRANSITION FUND	25,057	25,057	25,057		25,057
0207027F	124	AC2ISR CENTER Rapid attack support system - transition to production		5,000 [5,000]			
0207028F	125	JOINT EXPEDITIONARY FORCE EXPERIMENT	27,161	27,161	27,161		27,161

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0207131F	126	A-10 SQUADRONS	7,650	7,650	7,650		7,650
0207133F	127	F-16 SQUADRONS	81,338	81,338	81,338		81,338
0207134F	128	F-15E SQUADRONS	81,726	81,726	81,726		81,726
0207136F	129	MANNED DESTRUCTIVE SUPPRESSION	23,699	23,699	23,699		23,699
0207138F	130	F-22 SQUADRONS	181,239	181,239	181,239		181,239
0207141F	131	F-117A SQUADRONS	3,525	3,525	3,525		3,525
0207161F	132	TACTICAL AIM MISSILES	2,943	2,943	2,943		2,943
0207163F	133	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	37,008	43,508	37,008		37,008
		Increase		[6,500]			
0207217F	133a	PODDED RECONNAISSANCE SYSTEMS			13,600		
		Upgrade theater airborne reconnaissance systems (TARS) pods			[13,600]		
0207247F	134	AF TENCAP	10,496	10,496	13,496	3,000	13,496
		GPS jammer detection & location (JLOC)			[3,000]	[3,000]	
0207248F	135	SPECIAL EVALUATION PROGRAM	110,080	113,280	113,280	20,200	130,280
		Classified program (Transfer from DERF)		[3,200]	[3,200]	[3,200]	
		Classified program (Transfer from DERF)				[17,000]	
0207253F	136	COMPASS CALL	3,877	11,877	3,877	8,000	11,877
		Compass Call upgrades		[8,000]		[8,000]	
0207268F	137	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	186,690	186,690	186,690		186,690
0207277F	138	CSAF INNOVATION PROGRAM	1,920	1,920	1,920		1,920
0207325F	139	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	42,097	52,097	57,097	15,000	57,097
		Accelerate extended range JASSM (JASSM ER)		[10,000]	[15,000]	[15,000]	
0207410F	140	AEROSPACE OPERATIONS CENTER (AOC)	35,875	35,875	35,875		35,875
0207412F	141	CONTROL AND REPORTING CENTER (CRC)	6,652	6,652	6,652		6,652
0207417F	142	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	173,956	173,956	173,956		173,956

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0207423F	143	ADVANCED COMMUNICATIONS SYSTEMS	29,133	29,133	29,133		29,133
0207424F	144	EVALUATION AND ANALYSIS PROGRAM	230,218	240,668	230,218		230,218
		Classified program		[10,450]			
0207433F	145	ADVANCED PROGRAM TECHNOLOGY	104,651	114,651	114,651	10,000	114,651
		Classified program (Transfer from DERF)		[10,000]	[10,000]	[10,000]	
0207438F	146	THEATER BATTLE MANAGEMENT (TBM) C4I	34,700	34,700	34,700		34,700
0207445F	147	FIGHTER TACTICAL DATA LINK	39,034	39,034	39,034		39,034
0207449F	148	MC2C (MULTI-SENSOR COMMAND AND CONTROL	191,089	679,089	429,089	378,000	569,089
		Accelerate MP-RTIP & B-767 test bed aircraft (Transfer from DERF)		[488,000]		[488,000]	
		Accelerate MP-RTIP (Transfer from DERF)			[238,000]		
		Fund B-767 aircraft using normal R&D rules				[-75,000]	
		Reflect delayed need for aircraft integration effort				[-35,000]	
0207581F	149	JOINT SURVEILLANCE AND TARGET ATTACK RADAR SYSTEM	55,515	68,215	55,515	7,000	62,515
		Joint services workstation		[12,700]		[7,000]	
0207590F	150	SEEK EAGLE	16,972	16,972	16,972		16,972
0207591F	151	ADVANCED PROGRAM EVALUATION	220,088	237,088	237,088	17,000	237,088
		Classified program (Transfer from DERF)		[17,000]	[17,000]	[17,000]	
0207601F	152	USAF MODELING AND SIMULATION	21,895	23,895	21,895	1,000	22,895
		Synthetic theater operations research model		[2,000]		[1,000]	
0207605F	153	WARGAMING AND SIMULATION CENTERS	5,278	5,278	7,778	2,500	7,778
		Wargaming & simulation centers			[2,500]	[2,500]	
0207701F	154	FULL COMBAT MISSION TRAINING					
0208006F	155	MISSION PLANNING SYSTEMS	17,002	17,002	17,002		17,002
0208021F	156	INFORMATION WARFARE SUPPORT	7,837	7,837	7,837		7,837
0208031F	157	WAR RESERVE MATERIEL - EQUIPMENT/SECONDARY ITEMS					

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0208060F	158	THEATER MISSILE DEFENSES					
0208160F	159	TECHNICAL EVALUATION SYSTEM	135,588	165,588	165,588	85,000	220,588
		Classified program (Transfer from DERF)		[30,000]	[30,000]	[30,000]	
		Classified program (Transfer from DERF)				[55,000]	
0208161F	160	SPECIAL EVALUATION SYSTEM	41,518	41,518	41,518		41,518
0208889F	161	COUNTERDRUG USSOUTHCOM SUPPORT					
0301310F	162	NATIONAL AIR INTELLIGENCE CENTER	[]	[]	[]	[]	[]
030134F	163	COBRA BALL	[]	[]	[]	[]	[]
0301315F	164	MISSILE AND SPACE TECHNICAL COLLECTION	[]	[]	[]	[]	[]
0301324F	165	FOREST GREEN	[]	[]	[]	[]	[]
0301398F	166	MANAGEMENT HEADQUARTERS GDIP	[]	[]	[]	[]	[]
		Classified program			[-3,100]		
0302015F	167	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	47,867	47,867	47,867		47,867
0303110F	168	DEFENSE SATELLITE COMMUNICATIONS SYSTEM (SPACE)	2,046	2,046	2,046		2,046
0303112F	169	AIR FORCE COMMUNICATIONS (AIRCOM)					
0303131F	170	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS	2,423	2,423	2,423		2,423
0303140F	171	INFORMATION SYSTEMS SECURITY PROGRAM	9,353	16,353	20,853	14,500	23,853
		Accelerate toolsets development (Transfer from DERF)		[4,000]	[4,000]	[4,000]	
		Information operations technology & fusion initiative		[3,000]		[3,000]	
		Cyber security research			[7,500]	[7,500]	
0303141F	172	GLOBAL COMBAT SUPPORT SYSTEM	29,168	29,168	29,168		29,168
0303150F	173	GLOBAL COMMAND AND CONTROL SYSTEM	3,565	3,565	3,565		3,565
0303401F	174	COMMUNICATIONS SECURITY (COMSEC)	4,765	4,765	4,765		4,765
0303601F	175	MILSATCOM TERMINALS	72,712	72,712	72,712		72,712
0304111F	176	SPECIAL ACTIVITIES	[]	[]	[]	[]	[]

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		Classified program			[405,000]		
		Defense Reconnaissance Support Activities (Space) (Transfer from DERF)			[23,300]		
0304311F	177	SELECTED ACTIVITIES	150,243	222,243	222,243		150,243
		Classified - special activities (Transfer from DERF)		[72,000]	[72,000]		
		Classified					
0305099F	178	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	7,200	7,200	7,200		7,200
0305110F	179	SATELLITE CONTROL NETWORK (SPACE)	17,542	17,542	17,542		17,542
0305111F	180	WEATHER SERVICE	14,488	14,488	14,488		14,488
0305114F	181	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM	9,865	9,865	9,865		9,865
0305128F	182	SECURITY AND INVESTIGATIVE ACTIVITIES	475	475	475		475
0305142F	183	APPLIED TECHNOLOGY INTEGRATION	[]	[]	[]	[]	[]
0305144F	184	TITAN SPACE LAUNCH VEHICLES (SPACE)					
0305148F	185	AIR FORCE TACTICAL MEASUREMENT & SIGNATURE	6,486	15,486	15,486	9,000	15,486
		ARGUS MASINT (Transfer from DERF)		[9,000]	[9,000]	[9,000]	
0305159F	186	DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES (SPACE)	42,076	187,376	164,076	120,300	162,376
		Classified program (Transfer from DERF)		[120,300]	[97,000]	[120,300]	
		Classified program (Transfer from DERF)		[25,000]	[25,000]		
0305160F	187	DEFENSE METEOROLOGICAL SATELLITE PROGRAM (SPACE)	3,875	3,875	3,875		3,875
0305164F	188	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT)	86,799	86,799	86,799		86,799
0305165F	189	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS)	324,098	275,098	294,098	-39,500	284,598
		Cancel high power option		[-49,000]	[-40,000]		
		Modify high power option				[-11,500]	
		Add FY 03 launch			[10,000]		
		USAF-requested transfer to MPAF 22				[-28,000]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0305172F	190	COMBINED ADVANCED APPLICATIONS	[]	[]	[]	[]	[]
0305173F	190a	Space & Missile Test & Evaluation Center			1,000	1,000	1,000
		Civil reserve space initiative			[1,000]	[1,000]	
0305182F	191	SPACELIFT RANGE SYSTEM (SPACE)	82,108	82,108	90,108	8,000	90,108
		Systems engineering / planning & scheduling / communications			[8,000]	[8,000]	
0305202F	192	DRAGON U-2 (JMIP)	17,442	65,942	30,942	13,500	30,942
		U-2 SIGINT sensor nonrecurring engineering (NRE) (Transfer from DERF)		[10,800]	[10,800]	[10,800]	
		Global Hawk defensive system (Transfer from DERF)		[30,000]			
		Global Hawk SIGINT (Transfer from DERF)		[5,000]			
		U-2 SIGINT sensor demonstration unit (Transfer from DERF)		[2,700]	[2,700]	[2,700]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0305205F	193	ENDURANCE UNMANNED AERIAL VEHICLES Predator B engineering & manufacturing development (Transfer from DERF) Global Hawk defensive system (Transfer from DERF) Global Hawk SIGINT (Transfer from DERF)	309,743	319,743 [10,000]	354,743 [10,000] [30,000] [5,000]	15,000 [10,000] [5,000]	324,743
0305206F	194	AIRBORNE RECONNAISSANCE SYSTEMS Tactical airborne reconnaissance system (TARS) Tactical airborne reconnaissance system (TARS) P3I	66,810	77,910 [11,100]	66,810	13,600 [13,600]	80,410
0305207F	195	MANNED RECONNAISSANCE SYSTEMS Network centric collaborative targeting (NCCT) ACTD		20,000 [20,000]		4,000 [4,000]	4,000
0305208F	196	DISTRIBUTED COMMON GROUND SYSTEMS Commercial imagery upgrades (Transfer from DERF) DCGS MASINT (Transfer from DERF) Create geospatial laboratory (Transfer from DERF) DCGS/U-2 SIGINT Network (Transfer from DERF)	20,708	46,908 [2,400] [5,000] [3,800] [15,000]	46,908 [2,400] [5,000] [3,800] [15,000]	26,200 [2,400] [5,000] [3,800] [15,000]	46,908
0305906F	197	NCMC - TW/AA SYSTEM	15,639	15,639	15,639		15,639
0305910F	198	SPACETRACK (SPACE)	21,917	21,917	21,917		21,917
0305911F	199	DEFENSE SUPPORT PROGRAM (SPACE)	2,090	2,090	2,090		2,090
0305913F	200	NUDET DETECTION SYSTEM (SPACE)	21,180	21,180	21,180		21,180
0308601F	201	MODELING AND SIMULATION SUPPORT	1,995	1,995	1,995		1,995
0308699F	202	SHARED EARLY WARNING (SEW)	4,027	4,027	4,027		4,027
0401115F	203	C-130 AIRLIFT SQUADRON	158,978	158,978	158,978		158,978
0401119F	204	C-5 AIRLIFT SQUADRONS Avionics modernization program - Transfer from APAF 33	277,795	277,795	304,395 [26,600]	26,600 [26,600]	304,395
0401130F	205	C-17 AIRCRAFT	157,213	157,213	157,213		157,213

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0401132F	206	C-130J PROGRAM	10,000	10,000	10,000		10,000
0401134F	207	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	47,539	47,539	47,539		47,539
0401218F	208	KC-135S	1,497	1,497	1,497		1,497
0401219F	209	KC-10S	10,506	10,506	10,506		10,506
0404011F	210	SPECIAL OPERATIONS FORCES					
0702207F	211	DEPOT MAINTENANCE (NON-IF)	1,340	2,840	1,340	1,500	2,840
		Metrology		[1,500]		[1,500]	
0708011F	212	INDUSTRIAL PREPAREDNESS	37,581	40,581	39,581	2,000	39,581
		Metals affordability initiative		[3,000]			
		Bipolar wafer-cell NiMH aircraft battery			[2,000]	[2,000]	
0708012F	213	LOGISTICS SUPPORT ACTIVITIES	10,375	10,375	10,375		10,375
0708026F	214	PRODUCTIVITY, RELIABILITY, AVAILABILITY, MAINTAIN. PROG OFC (PRAMPO)	4,767	4,767	4,767		4,767
0708071F	215	JOINT LOGISTICS PROGRAM - AMMUNITION STANDARD SYSTEM					
0708611F	216	SUPPORT SYSTEMS DEVELOPMENT	35,813	36,813	37,813	3,000	38,813
		Low emission / efficient hybrid aviation refueling truck propulsion		[1,000]		[1,000]	
		Aging aircraft support			[2,000]	[2,000]	
0708612F	217	COMPUTER RESOURCES SUPPORT IMPROVEMENT PROGRAM (CRSIP)	2,094	2,094	2,094		2,094
0901212F	218	SERVICE-WIDE SUPPORT	4,090	4,090	4,090		4,090
0901218F	219	CIVILIAN COMPENSATION PROGRAM	7,132	7,132	7,132		7,132
0901538F	220	FINANCIAL MANAGEMENT INFORMATION SYSTEMS	21,326	21,326	21,326		21,326
1001018F	221	NATO JOINT STARS					
	999	CLASSIFIED PROGRAMS	5,019,286	5,019,286	5,444,486	-102,000	4,917,286
	221a	Civilian personnel accounting adjustment		-36,249	-36,249	-36,249	-36,249

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
	221b	Financial management savings			-27,200	-27,200	-27,200
	221c	Contract services savings			-45,200	-31,906	-31,906
	221d	Operational systems development T&E transfer			-60,000		
	221e	General reduction			-6,000		
		Total, RDT&E Air Force	17,601,233	18,803,184	18,611,184	735,845	18,337,078

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
		RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE-WIDE					
0601101D8Z	1	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	2,126	2,126	2,126		2,126
0601101E	2	DEFENSE RESEARCH SCIENCES	175,646	165,146	187,146	9,000	184,646
		Defense research sciences		[-12,000]			
		University optoelectronic centers			[3,000]	[2,000]	
		Interdisciplinary biological nanoscience research		[1,500]			
		Nanotechnology for advanced biomedical sensors & devices			[4,000]	[3,000]	
		Molecular electronics			[2,000]	[2,000]	
		Advanced photonic composite research			[2,500]	[2,000]	
0601103D8Z	3	UNIVERSITY RESEARCH INITIATIVES	221,610	221,610	235,610	2,000	223,610
		Advanced remote sensing			[2,000]		
		Optimization & enterprise sciences for military personnel management			[2,000]	[2,000]	
		Nanotechnology incentive fund			[10,000]		
0601105D8Z	4	FORCE HEALTH PROTECTION	9,973	9,973	9,973		9,973
0601108D8Z	5	HIGH ENERGY LASER RESEARCH INITIATIVES	12,082	12,082	12,082		12,082
0601111D8Z	6	GOVERNMENT/INDUSTRY COSPONSORSHIP OF UNIVERSITY	3,467	3,467	3,467		3,467
		Semiconductor research - Focus Center research program (FCRP)					
0601114D8Z	7	DEFENSE EXPERIMENTAL PROGRAM TO STIMULATE	9,864	19,864	9,864	10,000	19,864
		Additional DEPSCoR effort		[10,000]		[10,000]	

Title II-RDT and E

(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0601384BP	8	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	64,119	71,119	65,119	8,000	72,119
		Engineered pathogen identification & countermeasures program		[7,000]		[7,000]	
		Agro-terrorism research			[1,000]	[1,000]	
0602110E	9	NEXT GENERATION INTERNET					
0602173C	10	SUPPORT TECHNOLOGIES - APPLIED RESEARCH					
0602227D8Z	11	MEDICAL FREE ELECTRON LASER		15,000	8,000	15,000	15,000
		Medical free electron laser		[15,000]	[8,000]	[15,000]	
0602228D8Z	12	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU)	13,970	13,970	13,970		13,970
0602234D8Z	13	LINCOLN LABORATORY RESEARCH PROGRAM	27,732	27,732	27,732		27,732
0602301E	14	COMPUTING SYSTEMS AND COMMUNICATIONS TECHNOLOGY	424,940	374,940	419,940	-5,000	419,940
		Computing systems & communications technology		[-50,000]			
		Bio-surveillance and genisys			[-5,000]	[-5,000]	
0602302E	15	EMBEDDED SOFTWARE AND PERVERSIVE COMPUTING	60,000	60,000	60,000		60,000
0602383E	16	BIOLOGICAL WARFARE DEFENSE	133,000	148,250	144,250	15,250	148,250
		Anthrax therapeutic candidate technologies (Transfer from DERF)		[11,250]	[11,250]	[11,250]	
		Asymmetric protocols for biological defense enhancement		[4,000]		[4,000]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
0602384BP	17	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	262,177	275,177	261,877	33,200	295,377
		Rapid antibody-based biological countermeasures		[2,000]		[2,000]	
		Chemical-biological regenerative air filter		[8,000]		[8,000]	
		Mustard gas prophylactic		[3,000]		[3,000]	
		Nanoemulsions for decontamination			[5,000]	[5,000]	
		Nanosystem detection & deactivation of biowarfare agents			[2,000]	[2,000]	
		Detection of chemical, biological & pollutant agents in water			[5,000]	[5,000]	
		Nanoparticle responses to chemical & biological threats			[5,000]	[3,000]	
		Bioinformatics			[3,000]	[3,000]	
		Materials fabrication for bio sensors			[1,000]	[1,000]	
		Chemical agent exposure research			[1,200]	[1,200]	
		Nanotechnology biological agent sensor			[2,500]		
		Chemical & biological research programs			[-25,000]		
0602702E	18	TACTICAL TECHNOLOGY	180,952	180,952	170,952	-10,000	170,952
		Hypersonics technology			[-10,000]	[-10,000]	
0602708E	19	INTEGRATED COMMAND AND CONTROL TECHNOLOGY					
0602712E	20	MATERIALS AND ELECTRONICS TECHNOLOGY	440,500	392,500	435,500	-7,800	432,700
		Materials and electronics technology		[-50,000]		[-9,800]	
		Integrated optoelectronic technology		[2,000]		[2,000]	
		Biologically-based materials & devices			[-5,000]		
0602715BR	21	NUCLEAR SUSTAINMENT & COUNTERPROLIFERATION					
0602716BR	22	WMD DEFEAT TECHNOLOGY	146,143	180,443	186,443	38,300	184,443
		CT information network (Transfer from DERF)		[5,500]	[5,500]	[5,500]	
		Vulnerability reduction technology measures (Transfer from DERF)		[9,800]	[9,800]	[9,800]	
		Hazard prediction & decision support tools (Transfer from DERF)		[5,000]	[5,000]	[5,000]	

Title II-RDT and E

(Dollars in Thousands)

<u>Program</u> <u>Element</u>	<u>Line</u> <u>No</u>	<u>Program Title</u>	<u>FY 2003</u> <u>Request</u>	<u>House</u> <u>Authorized</u>	<u>Senate</u> <u>Authorized</u>	<u>Conference Agreement</u> <u>Change</u>	<u>Authorized</u>
		Hard target defeat characterization initiative (Transfer from DERF)		[7,000]	[7,000]	[7,000]	
		Enhanced blast weapons effects (Transfer from DERF)		[7,000]	[7,000]	[7,000]	
		Discrete particle method			[3,000]	[1,000]	
		Deep digger			[3,000]	[3,000]	
0602717BR	23	STRATEGIC DEFENSE TECHNOLOGIES	131,199	131,199	131,199		131,199
0602787D8Z	24	MEDICAL TECHNOLOGY					
0602890D8Z	25	HIGH ENERGY LASER RESEARCH	39,310	39,310	39,310		39,310
0603002D8Z	26	MEDICAL ADVANCED TECHNOLOGY					
0603104D8Z	27	EXPLOSIVES DEMILITARIZATION TECHNOLOGY	8,935	11,935	8,935		8,935
		Tactical missile recycling		[3,000]			
0603121D8Z	28	SO/LIC ADVANCED DEVELOPMENT	13,800	22,800	22,800	9,000	22,800
		Special reconnaissance capabilities (Transfer from DERF)		[5,000]	[5,000]	[5,000]	
		Measurement & signatures information (Transfer from DERF)		[4,000]	[4,000]	[4,000]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
0603122D8Z	29	COMBATING TERRORISM TECHNOLOGY SUPPORT	49,015	132,915	123,615	84,600	133,615
		Entry point screening & perimeter protection (Transfer from DERF)		[11,000]	[11,000]	[11,000]	
		Reconnaissance Tool Kit (Transfer from DERF)		[19,500]	[19,500]	[19,500]	
		Super zoom digital camera (Transfer from DERF)		[6,000]	[6,000]	[6,000]	
		Combating terrorism BAA (Transfer from DERF)		[19,500]	[19,500]	[19,500]	
		Attribution CT tools & deployable communications (Transfer from DERF)		[5,600]	[5,600]	[5,600]	
		Detection of Bio agents in food (Transfer from DERF)		[3,000]	[3,000]	[3,000]	
		Alternate power sources for battery charging (Transfer from DERF)		[5,000]	[5,000]	[5,000]	
		Stand off surveillance camera (Transfer from DERF)				[2,000]	
		Magnetic quadrupole resonance explosives detection		[2,000]			
		Lightweight biological detectors		[4,000]			
		Chemical-biological electrostatic decontamination system		[4,300]		[5,000]	
		Facial recognition technology		[4,000]		[3,000]	
		Blast mitigation testing			[5,000]	[5,000]	
0603160BR	30	COUNTERPROLIFERATION ADVANCED DEVELOPMENT	77,389	97,389	77,389	16,000	93,389
		SOF support defeat terrorist (Transfer from DERF)		[11,000]		[11,000]	
		Anti-biological weapon defeat device (Transfer from DERF)		[5,000]		[5,000]	
		Thermobaric warhead development		[4,000]			
0603173C	31	SUPPORT TECHNOLOGIES - ADVANCED TECHNOLOGY					
0603174C	32	SPACE BASED LASERS (SBL)					

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603175C	33	BALLISTIC MISSILE DEFENSE TECHNOLOGY	121,751	127,251	145,451	15,000	136,751
		Wafer-scale planarization			[5,000]	[5,000]	
		Bottom anti-reflective coatings (BARC)			[5,000]	[5,000]	
		Nanophotonic systems fabrication facility			[3,700]		
		Silicon carbide-based wide-bandgap technology		[5,500]		[2,500]	
		Gallium nitride wide-bandgap semiconductors			[10,000]	[2,500]	
0603225D8Z	34	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	25,420	25,420	25,420		25,420
0603232D8Z	35	AUTOMATIC TARGET RECOGNITION	7,404	7,404	7,404		7,404
0603285E	36	ADVANCED AEROSPACE SYSTEMS	246,000	196,000	246,000	-10,500	235,500
		Advanced aerospace systems		[-50,000]		[-10,500]	
0603384BP	37	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED	249,842	252,442	249,142	16,300	266,142
		Miniature chemical analysis sys for detection of chem-bio agents in the chemlab (Transfer from DERF)		[2,600]			
		Biological process development facility			[7,000]	[7,000]	
		Electrostatic decontamination system			[5,000]		
		Chem-bio emergency response technologies			[2,300]	[2,300]	
		Vaccine stabilization			[3,000]	[3,000]	
		Weaponization of nanoparticles for the neutralization of facility threats			[3,000]		
		Agroterrorism prediction & risk assessment			[4,000]	[4,000]	
		Chemical & biological research programs			[-25,000]		

Title II-RDT and E

(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603704D8Z	38	SPECIAL TECHNICAL SUPPORT	11,168	16,968	11,168		11,168
		Complex systems engineering		[5,800]			
0603711BR	39	ARMS CONTROL TECHNOLOGY	37,646	40,646	40,646	8,000	45,646
		Advanced CBRNE sensor & info fusion (Transfer from DERF)		[3,000]	[3,000]	[3,000]	
		Seismic research for monitoring nuclear explosions			[16,000]	[5,000]	
		Reduction to lower priority programs			[-16,000]		
0603712S	40	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	25,451	26,951	35,451	11,500	36,951
		Defense manufacturing supply chain management		[1,500]		[1,500]	
		Vehicle fuel cell program			[10,000]	[10,000]	
0603716D8Z	41	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	60,468	30,468	63,468		60,468
		Inadequate budget justification		[-30,000]			
		UXO remediation technology development			[3,000]		
0603727D8Z	42	JOINT WARFIGHTING PROGRAM	9,610	9,610	9,610		9,610
0603728D8Z	43	AGILE PORT DEMONSTRATION					
0603738D8Z	44	COOPERATIVE DOD/VA MEDICAL RESEARCH					
0603739E	45	ADVANCED ELECTRONICS TECHNOLOGIES	150,400	150,400	150,400		150,400
0603750D8Z	46	ADVANCED CONCEPT TECHNOLOGY DEMONSTRATIONS	199,580	215,580	199,580		199,580
		Stand off surveillance camera (Transfer from DERF)		[2,000]			
		Multi-link antenna system (MLAS)		[14,000]			
0603755D8Z	47	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	188,642	188,642	188,642		188,642
0603760E	48	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	130,101	130,101	130,101		130,101
0603762E	49	SENSOR AND GUIDANCE TECHNOLOGY	224,000	224,000	224,000		224,000
0603763E	50	MARINE TECHNOLOGY	33,000	33,000	33,000		33,000
0603764E	51	LAND WARFARE TECHNOLOGY	162,100	170,100	170,100	8,000	170,100
		Wolfpack program for terrorist communications (Transfer from DERF)		[8,000]	[8,000]	[8,000]	

Title II-RDT and E

(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603765E	52	CLASSIFIED DARPA PROGRAMS	275,899	294,899	294,899	19,000	294,899
		Chem / bio agent defense improvements (Transfer from DERF)		[19,000]	[19,000]	[19,000]	
0603769D8Z	53	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY	14,000	14,000	14,000		14,000
0603781D8Z	54	SOFTWARE ENGINEERING INSTITUTE	22,983	22,983	22,983		22,983
0603805S	55	DUAL USE APPLICATION PROGRAMS					
0603826D8Z	56	QUICK REACTION SPECIAL PROJECTS	25,430	25,430	50,430		25,430
		Defense acquisition challenge program (fence--non-add)		[25,000]			
		Technology transition initiative			[25,000]		
		Technology transition activities (fence--non-add)				[25,430]	
0603832D8Z	57	JOINT WARGAMING SIMULATION MANAGEMENT OFFICE	49,929	49,929	53,929		49,929
		Information technology for WMD medical response			[4,000]		
0603924D8Z	58	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	13,567	28,567	13,567		13,567
		Joint technology office		[15,000]			
0605160D8Z	59	COUNTERPROLIFERATION SUPPORT	1,806	1,806	17,806		1,806
		SOF support defeat terrorist (Transfer from DERF)			[11,000]		
		Anti-biological weapon defeat device (Transfer from DERF)			[5,000]		
0603228D8Z	60	PHYSICAL SECURITY EQUIPMENT	33,553	62,553	43,553	10,000	43,553
		Classified program (Transfer from DERF)		[10,000]	[10,000]	[10,000]	
		Enhanced techniques for detection of explosives		[3,000]			
		Backscatter mobile truck system		[16,000]			
0603709D8Z	61	JOINT ROBOTICS PROGRAM	11,305	11,305	11,305		11,305
0603714D8Z	62	ADVANCED SENSOR APPLICATIONS PROGRAM	15,994	22,994	15,994	1,000	16,994
		Classified programs		[5,000]			
		Multi-wavelength surface scanning biological sensor		[2,000]		[1,000]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603736D8Z	63	CALS INITIATIVE	1,647	1,647	1,647		1,647
0603851D8Z	64	ENVIRONMENTAL SECURITY TECHNOLOGY CERTIFICATION PROGRAM	28,334	20,334	33,334		28,334
		Eliminate growth above FY 02 level		[-8,000]			
		UXO remediation			[5,000]		
0603868C	65	NAVY THEATER WIDE MISSILE DEFENSE SYSTEM					
0603869C	66	MEADS CONCEPTS - DEM/VAL					
0603871C	67	NATIONAL MISSILE DEFENSE - DEM/VAL					
0603873C	68	FAMILY-OF SYSTEMS ENGINEERING AND INTEGRATION (FOS					

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603874C	69	BMD TECHNICAL OPERATIONS					
0603875C	70	INTERNATIONAL COOPERATIVE PROGRAMS					
0603876C	71	THREAT AND COUNTERMEASURES					
0603880C	72	BALLISTIC MISSILE DEFENSE SYSTEM SEGMENT	1,065,982	1,085,982	733,982	5,650	1,071,632
		Wide bandwidth information technology program		[10,000]		[2,500]	
		Battlespace environment & signatures tool kit		[10,000]			
		Systems engineering & integration (SE&I)			[-140,000]		
		Maintain T&E funding level			[30,000]		
		Additional T&E funding				[3,150]	
		Duplication/lack of justification/execution			[-222,000]		
0603881C	73	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	169,974	378,719	195,974	77,745	247,719
		Transfer from MEADS, PE 63869A (RDA 76)		[117,745]		[117,745]	
		Enhanced Arrow deployability program		[21,000]			
		Arrow Ballistic Missile System (Amd #5)		[70,000]			
		Arrow			[40,000]		
		Arrow (fence--non-add)				[55,000]	
		Program operations			[-14,000]		
		Sea-based terminal				[-40,000]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603882C	74	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	3,195,104	3,247,104	3,034,104	5,000	3,200,104
		Aegis LEAP interceptor flight demonstration program		[27,000]			
		Long-range S-band & X-band discrimination radar program		[25,000]			
		High power discriminator radar development			[40,000]		
		Systems engineering & integration (SE&I)			[-45,000]		
		Small kill vehicle technology development			[10,000]	[5,000]	
		Concept development, studies & risk reduction			[-52,000]		
		SE&I -- non-system specific			[-50,000]		
		Program operations			[-64,000]		
0603883C	75	BALLISTIC MISSILE DEFENSE BOOST DEFENSE SEGMENT	796,927	719,427	546,927	-41,300	755,627
		Sea-based boost				[-20,000]	
		Sea-based boost -- undefined, unexecutable experiment			[-55,000]		
		Space-based boost				[-21,300]	
		Space-based boost -- undefined, unexecutable experiment			[-30,000]		
		Airborne laser		[-77,500]	[-135,000]		
		Space-based laser			[-10,000]		
		Program operations			[-20,000]		
0603884BP	76	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - DEM/VAL	144,790	154,790	147,390	2,600	147,390
		Miniature chemical analysis sys for detection of chem-bio agents in the chemlab (Transfer from DERF)			[2,600]	[2,600]	
		Chemical-biological mass spectrometer - Block II		[10,000]			

Title II-RDT and E

(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0603884C	77	BALLISTIC MISSILE DEFENSE SENSORS	373,447	373,447	340,447	20,000	393,447
		Airborne infrared surveillance (AIRS) system			[22,000]	[10,000]	
		Russian-American observation satellite (RAMOS) solar array development			[10,000]	[10,000]	
		SBIRS-Low -- fund a single contractor			[-55,000]		
		Program operations			[-10,000]		
0603910D8Z	77a	Strategic Capability Modernization		125,000	125,000	125,000	125,000
		Hard & deeply buried target capabilities upgrades (Transfer from DERF)		[125,000]	[125,000]	[125,000]	
0603920D8Z	78	HUMANITARIAN DEMINING	13,355	13,355	13,355		13,355
0603923D8Z	79	COALITION WARFARE	12,444	12,444	12,444	-5,000	7,444
		Reduction				[-5,000]	
0604722D8Z	80	JOINT SERVICE EDUCATION AND TRAINING SYSTEMS					
0303191D8Z	81	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM	5,085	5,085	5,085		5,085
0901585C	82	PENTAGON RESERVATION					
	82a	Kinetic Energy Anti-satellite System (KE-ASAT)		7,500			
		Develop another option for space control		[7,500]			
	82b	Dem/val Test and Evaluation transfer			-37,000		
0604384BP	83	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - EMD	169,018	169,018	169,018		169,018
0604709D8Z	84	JOINT ROBOTICS PROGRAM - EMD	13,643	13,643	14,643	1,000	14,643
		Robotic & unmanned military platforms			[1,000]	[1,000]	
0604764K	85	ADVANCED IT SERVICES JOINT PROGRAM OFFICE (AITS-JPO)	28,393	28,393	28,393		28,393
0604771D8Z	86	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	10,797	10,797	10,797		10,797
0604861C	87	THEATER HIGH-ALTITUDE AREA DEFENSE SYSTEM - TMD - EMD	932,171	932,171	892,171		932,171
		Missiles excess to the THAAD test program			[-40,000]		
0604865C	88	PATRIOT PAC-3 THEATER MISSILE DEFENSE ACQUISITION - EMD		150,819		150,819	150,819
		Transfer from PE 64865A (RDA 126)		[150,819]		[150,819]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0604867C	89	NAVY AREA THEATER MISSILE DEFENSE - EMD					
0605013BL	90	INFORMATION TECHNOLOGY DEVELOPMENT	3,938	3,938	3,938		3,938
0605013D8Z	91	PROTOTYPE ACCOUNTING SYSTEMS	700	700	700		700
0605014SE	92	INFORMATION TECHNOLOGY DEVELOPMENT					
0605015BL	93	INFORMATION TECHNOLOGY DEVELOPMENT-STANDARD Schedule slip	10,427	10,427	10,427	-2,500 [-2,500]	7,927
0605016D8Z	94	FINANCIAL MANAGEMENT SYSTEM IMPROVEMENTS	96,250	96,250	96,250		96,250
0303129K	95	DEFENSE MESSAGE SYSTEM	11,803	11,803	11,803		11,803
0303140K	96	INFORMATION SYSTEMS SECURITY PROGRAM	17,620	17,620	17,620		17,620
0303141K	97	GLOBAL COMBAT SUPPORT SYSTEM	17,239	17,239	17,239		17,239
0305840K	98	ELECTRONIC COMMERCE	24,265	24,265	24,265		24,265
	98a	EMD Test and Evaluation transfer			-8,000		
0603858D8Z	99	UNEXPLODED ORDNANCE DETECTION AND CLEARANCE	1,185	1,185	1,185		1,185
0604943D8Z	100	THERMAL VICAR	7,058	7,058	7,058		7,058
0605104D8Z	101	TECHNICAL STUDIES, SUPPORT AND ANALYSIS OSD reports, studies, & analyses	30,023	30,023	25,023 [-5,000]	-5,000 [-5,000]	25,023
0605110BR	102	CRITICAL TECHNOLOGY SUPPORT	1,862	1,862	1,862		1,862
0605114E	103	BLACK LIGHT Classified program (Transfer from DERF)	5,000	15,000 [10,000]	15,000 [10,000]	10,000 [10,000]	15,000
0605116D8Z	104	GENERAL SUPPORT TO C3I Tech demos & coordinated IT planning for homeland security (Transfer from DERF) GIS-based maps for installation consequence management (Transfer from DERF)	14,979	19,879 [2,000] [2,900]	19,879 [2,000] [2,900]	4,900 [2,000] [2,900]	19,879
0605117D8Z	105	FOREIGN MATERIAL ACQUISITION AND EXPLOITATION	32,382	32,382	34,382		32,382

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		Classified program			[2,000]		
0605123D8Z	106	INTERAGENCY EXPORT LICENSE AUTOMATION	10,702	10,702	10,702		10,702
0605124D8Z	107	DEFENSE TRAVEL SYSTEM	30,358	20,358	30,358	-9,500	20,858
		Eliminate growth above FY 02 level		[-10,000]		[-9,500]	
0605126J	108	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION	72,919	72,919	72,919		72,919
0605128D8Z	109	CLASSIFIED PROGRAM USD(P)					
0605130D8Z	110	FOREIGN COMPARATIVE TESTING	31,670	31,670	31,670		31,670
0605384BP	111	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	42,959	43,959	42,959		42,959
		Interagency consequence management equipment program		[1,000]			
0605502C	112	SMALL BUSINESS INNOVATIVE RESEARCH - BMDO					
0605502E	113	SMALL BUSINESS INNOVATIVE RESEARCH					

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
0605710D8Z	114	CLASSIFIED PROGRAMS - C3I	60,708	102,768	112,768	52,060	112,768
		Information security scholarships			[10,000]	[10,000]	
		Hard & deeply buried target analysis upgrades (Transfer from DERF)		[3,200]	[3,200]	[3,200]	
		National Infrastructure Protection Center (NIPC) Crucial Player (Transfer from DERF)		[1,600]	[1,600]	[1,600]	
		Space Policy activities supporting Operation Enduring Freedom (Transfer from DERF)		[4,500]	[4,500]	[4,500]	
		Collaborative planning tools (Transfer from DERF)		[32,760]	[32,760]	[32,760]	
0605790D8Z	115	SMALL BUSINESS INNOVATION RESEARCH/CHALLENGE	2,103	2,103	2,103		2,103
0605798S	116	DEFENSE TECHNOLOGY ANALYSIS	5,201	5,201	5,201		5,201
0605799D8Z	117	FORCE TRANSFORMATION DIRECTORATE	20,000	20,000	20,000		20,000
0605801K	118	DEFENSE TECHNICAL INFORMATION SERVICES (DTIC)	45,249	45,249	45,249		45,249
0605803SE	119	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND	8,963	8,963	8,963		8,963
0605804D8Z	120	DEVELOPMENT TEST AND EVALUATION	48,913	48,913	48,913		48,913
0605898E	121	MANAGEMENT HEADQUARTERS (RESEARCH AND	43,572	43,572	43,572		43,572
0901585C	122	PENTAGON RESERVATION	7,457	7,457	7,457		7,457
0901598C	123	MANAGEMENT HEADQUARTERS-BMDO	27,909	27,909	27,909		27,909
0909999E	124	FINANCING FOR CANCELLED ACCOUNT ADJUSTMENTS					
0604805D8Z	125	COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE	10,320	18,320	10,320	8,000	18,320
		Aircraft affordability initiative		[8,000]		[8,000]	
0605127T	126	PARTNERSHIP FOR PEACE (PFP) INFORMATION MANAGEMENT	1,920	1,920	1,920		1,920
0208045K	127	C4I INTEROPERABILITY	43,199	43,199	43,199		43,199
0208052J	128	JOINT ANALYTICAL MODEL IMPROVEMENT PROGRAM	12,531	12,531	12,531		12,531
0300205R	129	INFORMATION TECHNOLOGY SYSTEMS	550	550	550		550
0301011G	130	CRYPTOLOGIC ACTIVITIES	[]	[]	[]	[]	[]

Title II-RDT and E

(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		Classified program			[-12,000]		
		Classified program			[-45,000]		
		Secure Bandwidth (Transfer from DERF)			[30,000]		
		Mobile Secure Communications (Transfer from DERF)			[20,400]		
		Classified - Cryptologic activities (Transfer from DERF)			[7,000]		
		NC-2 COMSEC (Transfer from DERF)			[10,000]		
		Coalition Interoperability and Coalition Information Security (Transfer from DERF)			[18,000]		
0301301L	131	GENERAL DEFENSE INTELLIGENCE PROGRAM	[]	[]	[]	[]	[]
		Hard & deeply buried target intelligence support (Transfer from DERF)			[5,800]		
		Classified program			[-10,000]		
		Classified program (Transfer from DERF)			[9,000]		
0301398L	132	MANAGEMENT HEADQUARTERS GDIP, DIA	[]	[]	[]	[]	[]
0302016K	133	NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT	1,053	1,053	1,053		1,053
0302019K	134	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND	7,554	7,554	7,554		7,554

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0303126K	135	LONG HAUL COMMUNICATIONS (DCS)	1,407	1,407	1,407		1,407
0303127K	136	SUPPORT OF THE NATIONAL COMMUNICATIONS SYSTEM	15,046	15,046	15,046		15,046
0303131K	137	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS	7,199	7,199	7,199		7,199
0303140G	138	INFORMATION SYSTEMS SECURITY PROGRAM	394,257	445,407	398,257	54,400	448,657
		Secure Bandwidth (Transfer from DERF)		[30,000]		[30,000]	
		Mobile Secure Communications (Transfer from DERF)		[20,400]		[20,400]	
		Computer science & internet security degree program		[750]			
		Information systems protection research			[4,000]	[4,000]	
0303149J	139	C4I FOR THE WARRIOR	10,190	10,190	10,190		10,190
0303149K	140	C4I FOR THE WARRIOR	20,536	25,036	25,036	4,500	25,036
		Improve network infrastructure (Transfer from DERF)		[4,500]	[4,500]	[4,500]	
0303150K	141	GLOBAL COMMAND AND CONTROL SYSTEM	15,604	15,604	15,604		15,604
0303153K	142	JOINT SPECTRUM CENTER	19,102	19,102	19,102		19,102
0303610K	143	TELEPORT PROGRAM	6,678	6,678	6,678		6,678
0304210BB	144	SPECIAL RECONNAISSANCE CAPABILITIES (SRC) PROGRAM					
0304345BQ	145	NATIONAL IMAGERY AND MAPPING PROGRAM	[]	[]	[]	[]	[]
		Classified program			[9,000]		

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
0305102BQ	146	DEFENSE IMAGERY AND MAPPING PROGRAM	143,488	183,488	164,588	21,100	164,588
		Integrate airborne information into collection manage & exploit system (Transfer from DERF)		[8,300]	[8,300]	[8,300]	
		Softcopy exploitation infrastructure acceleration (Transfer from DERF)		[1,000]	[1,000]	[1,000]	
		Increase storage capacity for command information libraries (Transfer from DERF)		[1,000]	[1,000]	[1,000]	
		Improve mensuration to support PGM accuracy needs (Transfer from DERF)		[1,700]	[1,700]	[1,700]	
		Classified programs initiatives		[28,000]			
		Feature-level database development			[4,100]	[4,100]	
		Intelligent spatial technologies for smart maps			[1,000]	[1,000]	
		Broadcast-request imagery technology development (BRITE)			[4,000]	[4,000]	
0305127D8Z	147	FOREIGN COUNTERINTELLIGENCE ACTIVITIES	13,916	13,916	29,216		13,916
		Classified program			[15,300]		
0305127V	148	FOREIGN COUNTERINTELLIGENCE ACTIVITIES	474	474	474		474
0305146D8Z	149	DEFENSE JOINT COUNTERINTELLIGENCE PROGRAM (JMIP)	6,058	59,058	54,058	53,000	59,058
		Adv info systems & contractor support for critical asset protection (Transfer from DERF)		[48,000]	[48,000]	[48,000]	
		Counterintelligence awareness initiative		[5,000]		[5,000]	

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
0305190D8Z	150	C3I INTELLIGENCE PROGRAMS	75,682	121,582	118,982	49,800	125,482
		Hard & deeply buried target intelligence technology (Transfer from DERF)		[3,200]	[3,200]	[3,200]	
		Modernize electronic warfare capabilities (Transfer from DERF)		[25,000]	[25,000]	[25,000]	
		Analysis of the potential for wars (Transfer from DERF)		[9,000]		[9,000]	
		Develop & test systems for horizontal fusion analysis (Transfer from DERF)		[5,600]	[5,600]	[5,600]	
		Coalition-Intelligence Information Sharing (CENTRIX) (Transfer from DERF)		[5,000]	[5,000]	[5,000]	
		Classified program (Transfer from DERF)		[32,100]			
		C3I intelligence programs		[-34,000]			
		Regional pilot program for infrastructure protection			[4,500]	[2,000]	
0305191D8Z	151	TECHNOLOGY DEVELOPMENT	120,458	230,958	263,058	142,600	263,058
		Classified program (Transfer from DERF)		[110,500]	[110,500]	[110,500]	
		Classified program (Transfer from DERF)			[32,100]	[32,100]	
0305202G	152	DRAGON U-2 (JMIP)	3,353	3,353	3,353		3,353
0305206G	153	AIRBORNE RECONNAISSANCE SYSTEMS	11,934	14,934	11,934		11,934
		Multifunction self-aligned gate tile antenna		[3,000]			
0305207G	154	MANNED RECONNAISSANCE SYSTEMS	4,649	12,899	4,649	5,000	9,649
		Combat Sent data distribution upgrade		[8,250]		[5,000]	
0305208BQ	155	DISTRIBUTED COMMON GROUND SYSTEMS	[]	[]	[]	[]	[]
0305208G	156	DISTRIBUTED COMMON GROUND SYSTEMS	[]	[]	[]	[]	[]
0305208L	157	DISTRIBUTED COMMON GROUND SYSTEMS	1,000	1,000	1,000		1,000
0305884L	158	INTELLIGENCE PLANNING AND REVIEW ACTIVITIES	[]	[]	[]	[]	[]
		Hard & deeply buried target intelligence support (Transfer from DERF)		[5,800]			
		Classified program (Transfer from DERF)		[9,000]			

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
0305885G	159	TACTICAL CRYPTOLOGIC ACTIVITIES	113,159	148,159	113,159	35,000	148,159
		Classified - Cryptologic activities (Transfer from DERF)		[7,000]		[7,000]	
		NC-2 COMSEC (Transfer from DERF)		[10,000]		[10,000]	
		Coalition Interoperability and Coalition Information Security (Transfer from DERF)		[18,000]		[18,000]	
0305889G	160	COUNTERDRUG INTELLIGENCE SUPPORT					
0305917D8Z	161	NATIONAL SECURITY SPACE ARCHITECT (NSSA)	11,185	11,185	11,185		11,185
0708011S	162	INDUSTRIAL PREPAREDNESS	13,072	13,072	18,072	5,000	18,072
		Laser additive manufacturing program			[5,000]	[5,000]	
0902298J	163	MANAGEMENT HEADQUARTERS (OJCS)	12,887	12,887	12,887		12,887
0902740J	164	JOINT SIMULATION SYSTEM					
1160279BB	165	SMALL BUSINESS INNOVATIVE RESEARCH/SMALL BUS TECH					
1160401BB	166	SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT	6,741	11,741	11,741	5,000	11,741
		Spike urban warfare system		[5,000]		[5,000]	
		Advanced technologies for Special Operations Forces			[5,000]		
1160402BB	167	SPECIAL OPERATIONS ADVANCED TECHNOLOGY	62,276	62,276	62,276		62,276

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
1160404BB	168	SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT	281,443	283,943	271,043	13,900	295,343
		Cobra Blue Force tracking equipment		[2,500]		[2,500]	
		Use excess FY 02 funds for FY 03 requirements			[-12,200]		
		Joint threat warning system			[1,800]	[1,800]	
		Underwater systems advanced development:					
		Other ASDS development				[9,600]	
1160405BB	169	SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT	1,590	1,590	3,790	26,000	27,590
		Embedded integrated broadcast service (IBS) receivers			[2,200]	[1,000]	
		Classified program (Transfer from DERF)				[25,000]	
1160407BB	170	SOF MEDICAL TECHNOLOGY DEVELOPMENT	1,962	1,962	1,962		1,962
1160408BB	171	SOF OPERATIONAL ENHANCEMENTS	77,308	77,308	86,408	4,000	81,308
		Classified program adjustments			[9,100]		
		Advanced night vision system				[4,000]	
	999	CLASSIFIED PROGRAMS	2,534,247	2,549,047	2,596,447		2,534,247
	171a	Civilian personnel accounting adjustment		-14,688	-14,688	-14,688	-14,688
	171b	Financial management savings			-36,600	-36,600	-36,600

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Agreement Authorized</u>
171c		Contract services savings			-25,200	-17,788	-17,788
171d		Operational systems development T&E transfer			-25,000		
171e		Missile Defense Agency		-135,000		-814,300	-814,300
		General reduction - MDA programs		[-135,000]		[-814,300]	
171f		President's priorities for combating terrorism or ballistic missile defense				814,300	814,300
		Total, RDT&E Defense-Wide	16,613,551	17,516,337	16,496,873	1,045,548	17,659,099

Title II-RDT and E
(Dollars in Thousands)

<u>Program Element</u>	<u>Line No</u>	<u>Program Title</u>	<u>FY 2003 Request</u>	<u>House Authorized</u>	<u>Senate Authorized</u>	<u>Conference Agreement Change</u>	<u>Authorized</u>
		OPERATIONAL TEST & EVALUATION, DEFENSE					
0603941D8Z	1	TEST & EVALUATION SCIENCE TECHNOLOGY	6,010	6,010	11,010	4,000	10,010
		Test & evaluation science & technology			[5,000]	[4,000]	
0604940D8Z	2	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT	123,276	123,276	251,276	74,000	197,276
		Central T&E improvement program			[50,000]	[70,000]	
		Transfer from acquisition programs			[70,000]		
		Digital video laboratory			[3,000]	[3,000]	
		Big Crow test support activities			[5,000]		
		Joint directed energy combat operations & employment (JDECOE)				[1,000]	
0605118D8Z	3	OPERATIONAL TEST AND EVALUATION	19,725	19,725	19,725		19,725
0605131D8Z	4	LIVE FIRE TESTING	10,102	10,102	16,602	6,500	16,602
		Live fire test & training program			[5,000]	[5,000]	
		Fire fighting training system			[1,500]	[1,500]	
0605804D8Z	5	DEVELOPMENT TEST AND EVALUATION	62,941	62,941	62,941	5,000	67,941
		Big Crow test support activities				[5,000]	
		Total, Operational Test & Evaluation, Defense	222,054	222,054	361,554	89,500	311,554